

Job Description: Lead CAD Designer - Rail Alignment

**Meinhardt is seeking a – Lead CAD Designer - Rail Alignment to join its Bangalore Office**

**Job Location:** Bangalore

**Job Type:** Full Time

**Job Summary:**

This is an excellent opportunity to be involved with Infrastructure Transit/Rail Projects for our Key Overseas and Indian Clients. Qualified applicants will be able to contribute to rail infrastructure projects by delivering precise technical drawings

**Job Responsibility:**

- Lead the CAD Design Team for the Rail Alignment Team
- Review detailed 2D and 3D drawings using CAD software, emphasizing rail-specific Railway Tracks and Alignment
- Work closely with rail alignment engineers, civil engineers, structural designers, and other team members to understand project specifications and requirements.
- Ensure quality deliverables through thorough review of Drawings to ensure precision, completeness, and compliance with relevant national / international standards
- Interface Management with other disciplines through inter-disciplinary checks and processes
- Support the technical team during design and project submissions
- Support the BIM team by taking the BIM Extracted drawing for onward submission to client to incorporate annotations, hold points, important notes, references etc.
- Maintain accurate documentation and records of design iterations and revisions.

**Education requirements**

Bachelors in architecture/Diploma in Engineering/ ITI - Mandatory

**Relevant Industry Work Experience**

Min - 15 Years post Completed Diploma /ITI or 12 Years Post Bachelor's

**Skill Sets**

Functional –

- Relevant Experience as CAD Technician in the rail industry, with a focus on fields of railway (LRT / metro) and track alignment design
- Should have full understanding of requirements for Rail/Transit Projects system.
- Support the Tracks and Alignment design process by producing detailed drawings and models.
- Demonstrate attention to detail and accuracy in drawing production to the level of "Good For Construction" / "Issued For Construction".
- Adaptability to learn new software tools and techniques.

Soft Skills –

- Attention to Quality, Content of the drawing and Detailing of the elements
- Communicate effectively with team members, architects, and project stakeholders.
- Work collaboratively in a team environment to achieve project goals.
- Problem-solving skills to address design complexities and constraints.
- Time management and organization of work assigned to meet project deadlines effectively.

Software -

Rail-specific CAD software tools

Autodesk-Revit, Navisworks, dynamo, A-CAD,

BIM 360/ ACC - Preferred

Job Description: Lead CAD Designer- Architecture and Layout

**Meinhardt is seeking a – Lead CAD Designer- Architecture and Layout to join its Bangalore Office**

**Job Location:** Bangalore

**Job Type:** Full Time

**Job Summary:**

This is an excellent opportunity to be involved with Infrastructure Transit/Rail Projects for our Key Overseas and Indian Clients. Qualified applicants will be able to contribute to infrastructure projects by delivering precise technical drawings.

**Job Responsibility:**

- Lead the CAD Design Team for the Architectural Deliverables
- Review detailed 2D and 3D drawings using CAD software, emphasizing Rail/Transit-specific Station Building, Platform, Workshop Building, Staff Quarters, Office Buildings, Maintenance Workshop, and other support/Technical Rooms
- Work closely with Architect, Track, Civil, and MEP Discipline leads, and other team members to understand project specifications and requirements.
- Ensure quality deliverables through thorough review of Drawings to ensure precision, completeness, and compliance with relevant national / international standards
- Interface Management with other disciplines through inter-disciplinary checks and processes
- Support the technical team during design and project submissions
- Support the BIM team by taking the BIM Extracted drawing for onward submission to client
- Maintain accurate documentation and records of design iterations and revisions.

**Education requirements**

Bachelors in architecture/Diploma in Engineering/ ITI - Mandatory

**Relevant Industry Work Experience**

Min - 15 Years post Completed Diploma /ITI or 12 Years Post Bachelor's

**Skill Sets**

Functional –

- Relevant Experience as CAD Technician in the rail industry, with a focus on fields of Rail/Transit-specific Station Building, Platform, Workshop Building, Staff Quarters, Office Buildings, Maintenance Workshop, and other support/Technical Rooms
- Support the Tracks and Alignment design process by producing detailed drawings and models.
- Demonstrate attention to detail and accuracy in drawing production of the level of "Good for Construction" / "Issued for Construction".
- Adaptability to learn new software tools and techniques.

Soft Skills –

- Attention to Quality, Content of the drawing and Detailing of the elements.
- Communicate effectively with team members, architects, and project stakeholders.
- Work collaboratively in a team environment to achieve project goals.
- Problem-solving skills to address design complexities and constraints.
- Time management and organization of assigned work to meet project deadlines effectively.

Software -

Autodesk-Revit, Navisworks, dynamo, A-CAD,  
BIM 360/ ACC - Preferred

Job Description: Senior CAD Designer- Rail Alignment

**Meinhardt is seeking a – Senior CAD Designer- Rail Alignment to join its Bangalore Office**

**Job Location:** Bangalore

**Job Type:** Full Time

**Job Summary:**

This is an excellent opportunity to be involved with Infrastructure Transit/Rail Projects for our Key Overseas and Indian Clients. Qualified applicants will be able to contribute to rail infrastructure projects by delivering precise technical drawings

**Job Responsibility:**

- Work as a Senior CAD Designer for the Rail Alignment Team
- Develop detailed 2D and 3D drawings using CAD software, emphasizing rail-specific Railway Tracks and Alignment
- Translate conceptual plans into accurate technical drawings, considering horizontal and vertical railway alignment components
- Work closely with rail alignment engineers, civil engineers, structural designers, and other team members to understand project specifications and requirements.
- Ensure quality deliverables through thorough review of Drawings to ensure precision, completeness, and compliance with relevant national / international standards
- Submit the drawings for review of Designers and Engineers. Incorporate the changes given during the review
- Interface Management with other disciplines through inter-disciplinary checks and processes
- Support the technical team during design and project submissions
- Support the BIM team by taking the BIM Extracted drawing for onward submission to client to incorporate annotations, hold points, important notes, references etc.
- Maintain accurate documentation and records of design iterations and revisions.

**Education requirements**

Diploma in Engineering/ ITI - Mandatory

**Relevant Industry Work Experience**

Min - 8 Years post Completed Diploma /ITI

**Skill Sets**

Functional –

- Relevant Experience as CAD Technician in the rail industry, with a focus on fields of railway (LRT / metro) and track alignment design
- Should have full understanding of requirements for Rail/Transit Projects system.
- Support the Tracks and Alignment design process by producing detailed drawings and models.
- Demonstrate attention to detail and accuracy in drawing production to the level of "Good For Construction" / "Issued For Construction".
- Adaptability to learn new software tools and techniques.

Soft Skills –

- Attention to Quality, Content of the drawing and Detailing of the elements
- Communicate effectively with team members, architects, and project stakeholders.
- Work collaboratively in a team environment to achieve project goals.
- Problem-solving skills to address design complexities and constraints.
- Time management and organization of work assigned to meet project deadlines effectively.

Software –

Rail-specific CAD software tools

Autodesk-Revit, Navisworks, dynamo, A-CAD,

BIM 360/ ACC - Preferred

Job Description: Senior CAD Designer- Rail Civil and Structural

**Meinhardt is seeking a - Senior CAD Designer- Rail Civil and Structural to join its Bangalore Office**

**Job Location:** Bangalore

**Job Type:** Full Time

**Job Summary:**

This is an excellent opportunity to be involved with Infrastructure Transit/Rail Projects for our Key Overseas and Indian Clients. Qualified applicants will be able to contribute to rail infrastructure projects by delivering precise technical drawings.

**Job Responsibility:**

- Work as a CAD Designer for the Civil and Structural Team
- Develop detailed 2D and 3D drawings using CAD software, emphasizing rail-specific civil and structural elements
- Translate conceptual plans into accurate technical drawings, considering rail foundations, earthworks, drainage, and structural components
- Work closely with rail civil engineers, structural designers, and other team members to understand project specifications and requirements.
- Ensure quality deliverables through thorough review of Drawings to ensure precision, completeness, and compliance with relevant national / international standards
- Submit the drawings for review of Designers and Engineers. Incorporate the changes given during the review
- Interface Management with other disciplines through inter-disciplinary checks and processes
- Support the technical team during design and project submissions
- Maintain accurate documentation and records of design iterations and revisions.

**Education requirements**

Diploma in Engineering/ ITI - Mandatory

**Relevant Industry Work Experience**

8 Years post Completed Diploma /ITI

**Skill Sets**

Functional –

- Relevant Experience as CAD Technician in the rail industry, with a focus on rail-related civil and structural engineering
- Should have full understanding of requirements for Rail/Transit Projects system.
- Support the Civil and Structural design process by producing detailed drawings and models to the level of "Good For Construction" / "Issued For Construction".
- Demonstrate attention to detail and accuracy in drawing production
- Adaptability to learn new software tools and techniques.

Soft Skills –

- Attention to Quality, Content of the drawing and Detailing of the elements
- Communicate effectively with team members, architects, and project stakeholders.
- Work collaboratively in a team environment to achieve project goals.
- Problem-solving skills to address design complexities and constraints.
- Time management and organization to meet project deadlines effectively.

Software –

Rail-specific CAD software tools

Autodesk-Revit, Navisworks, dynamo, A-CAD,

BIM 360/ ACC - Preferred

Job Description: Senior CAD Designer- Road Alignment

**Meinhardt is seeking a – Senior CAD Designer- Road Alignment to join its Bangalore Office**

**Job Location:** Bangalore

**Job Type:** Full Time

**Job Summary:**

This is an excellent opportunity to be involved with Infrastructure Projects for our Key Overseas and Indian Clients. Qualified applicants will be able to contribute to infrastructure projects by delivering precise technical drawings.

**Job Responsibility:**

- Work as a Senior CAD Designer for the Road Alignment/Geometric Design Team
- Develop detailed 2D and 3D drawings using CAD software, emphasizing Road -specific Network Alignment
- Translate conceptual plans into accurate technical drawings, considering horizontal and vertical road geometric design components
- Work closely with road alignment engineers, civil engineers, structural designers, and other team members to understand project specifications and requirements.
- Ensure quality deliverables through thorough review of Drawings to ensure precision, completeness, and compliance with relevant national & international standards
- Submit the drawings for review of Designers and Engineers. Incorporate the changes given during the review process
- Interface Management with other disciplines through inter-disciplinary checks and process
- Support the technical team during design and project submissions
- Support the BIM team by taking the BIM Extracted drawing for onward submission to client to incorporate annotations, hold points, important notes, references etc.
- Maintain accurate documentation and records of design iterations and revisions.

**Education requirements**

Diploma in Engineering/ ITI - Mandatory

**Relevant Industry Work Experience**

Min - 8 Years post Completed Diploma /ITI

**Skill Sets**

Functional –

- Relevant Experience as CAD Technician in the industry, with a focus on fields of roads – Geometric alignment design
- Should have full understanding of requirements for Road Projects system.
- Support the Road Alignment design process by producing detailed drawings and models.
- Demonstrate attention to detail and accuracy in drawing production to ensure quality deliverables in compliance with relevant national & international standards
- Should be able to prepare “Good for Construction” / “Issued For Construction” drawings
- Adaptability to learn new software tools and techniques

Soft Skills –

- Attention to Quality, Content of the drawing and Detailing of the elements
- Communicate effectively with team members, architects, and project stakeholders.
- Work collaboratively in a team environment to achieve project goals.
- Problem-solving skills to address design complexities and constraints.
- Time management and organization of work assigned to meet project deadlines effectively.

Software -

Road-specific CAD software tools

Autodesk-Revit, Navisworks, AutoCAD Civil 3D,

Awareness of BIM 360/ ACC - Preferred

Job Description: Senior CAD Designer- Roadways

**Meinhardt is seeking a – Senior CAD Designer- Roadways to join its Bangalore Office**

**Job Location:** Bangalore

**Job Type:** Full Time

**Job Summary:**

This is an excellent opportunity to be involved with Infrastructure Transit/Rail Projects for our Key Overseas and Indian Clients. Qualified applicants will be able to contribute to infrastructure projects by delivering precise technical drawings.

**Job Responsibility:**

- Work as a Senior CAD Designer for the Roadways/Transport Design Team
- Develop detailed 2D and 3D drawings using CAD software, emphasizing Road - utilities, grading, pavement, and drainage, etc.
- Translate conceptual plans into accurate technical drawings.
- Work closely with road alignment engineers, civil engineers, structural designers, and other team members to understand project specifications and requirements.
- Ensure quality deliverables through thorough review of Drawings to ensure precision, completeness, and compliance with relevant national & international standards
- Submit the drawings for review of Designers and Engineers. Incorporate the changes given during the review process
- Interface Management with other disciplines through inter-disciplinary checks and ensure compliance to quality check process
- Support the technical team during design and project submissions
- Support the BIM team by taking the BIM Extracted drawing for onward submission to client to incorporate annotations, hold points, important notes, references etc.
- Maintain accurate documentation and records of design iterations and revisions.

**Education requirements**

Diploma in Engineering/ ITI - Mandatory

**Relevant Industry Work Experience**

Min - 8 Years post Completed Diploma /ITI

**Skill Sets**

Functional –

- Relevant Experience as CAD Technician in the industry, with a focus on fields of Roads - utilities, grading, pavement, and drainage, etc
- Should have full understanding of requirements for Infrastructure Projects
- Support the Road and Transport design process by producing detailed drawings and models.
- Demonstrate attention to detail and accuracy in drawing production to ensure quality deliverables in compliance with relevant national & international standards
- Should be able to prepare "Good For Construction" / "Issued For Construction" drawings
- Adaptability to learn new software tools and techniques.

Soft Skills –

- Attention to Quality, Content of the drawing and Detailing of the elements
- Communicate effectively with team members, architects, and project stakeholders.
- Work collaboratively in a team environment to achieve project goals.
- Problem-solving skills to address design complexities and constraints.
- Time management and organization of work assigned to meet project deadlines effectively.

Software –

Road-specific CAD software tools

Autodesk-Revit, Navisworks, AutoCAD Civil 3D,

BIM 360/ ACC - Preferred

Job Description: Senior CAD Designer- Architecture and Layout

**Meinhardt is seeking a – Senior CAD Designer- Architecture and Layout to join its Bangalore Office**

**Job Location:** Bangalore

**Job Type:** Full Time

**Job Summary:**

This is an excellent opportunity to be involved with Infrastructure Transit/Rail Projects for our Key Overseas and Indian Clients. Qualified applicants will be able to contribute to infrastructure projects by delivering precise technical drawings.

**Job Responsibility:**

- Work as a Senior CAD Designer for the Architecture Team
- Develop detailed 2D and 3D drawings using CAD software, emphasizing Rail/Transit-specific Station Building, Platform, Workshop Building, Staff Quarters, Office Buildings, Maintenance Workshop, and other support/Technical Rooms
- Translate conceptual plans into accurate technical drawings, considering site conditions, land availability, building offsets, structures, and property gates. Locate lifts, stairs, escalators, columns with site conditions according to local building codes and other regulatory requirements, etc
- Work closely with Architect, Track, Civil, and MEP Discipline leads, and other team members to understand project specifications and requirements.
- Ensure quality deliverables through thorough review of Drawings to ensure precision, completeness, and compliance with relevant national / international standards
- Submit the drawings for review of Designers and Engineers. Incorporate the changes given during the review
- Interface Management with other disciplines through inter-disciplinary checks and processes
- Support the technical team during design and project submissions
- Support the BIM team by taking the BIM Extracted drawing for onward submission to client
- Maintain accurate documentation and records of design iterations and revisions.

**Education requirements**

Diploma in Engineering/ ITI - Mandatory

**Relevant Industry Work Experience**

Min - 8 Years post Completed Diploma /ITI

**Skill Sets**

Functional –

- Relevant Experience as CAD Technician in the rail industry, with a focus on fields of Rail/Transit-specific Station Building, Platform, Workshop Building, Staff Quarters, Office Buildings, Maintenance Workshop, and other support/Technical Rooms
- Shall be aware of the guidelines to develop Architecture layout
- Support the Tracks and Alignment design process by producing detailed drawings and models.
- Demonstrate attention to detail and accuracy in drawing production of the level of "Good For Construction" / "Issued For Construction".
- Adaptability to learn new software tools and techniques.

Soft Skills –

- Attention to Quality, Content of the drawing and Detailing of the elements
- Communicate effectively with team members, architects, and project stakeholders.
- Work collaboratively in a team environment to achieve project goals.
- Problem-solving skills to address design complexities and constraints.
- Time management and organization of assigned work to meet project deadlines effectively.

Software -

Autodesk-Revit, Navisworks, dynamo, A-CAD,  
BIM 360/ ACC - Preferred