

Mohammed Faiz

SENIOR DIVISIONAL ENGINEER @ INDIAN RAILWAYS (>10 YRS EXP) · BRIDGES · MAINTENANCE · CONSTRUCTION

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Experience

Senior Divisional Engineer web-link

Pune, India

INDIAN RAILWAYS

Jan. 2022 - Present

- Overall in charge of **>320 km section**, pertaining duties related to track, bridges, service building & colonies & coordination with other departments.
- Executed inspections as per Indian Railways Standards.
- Finalised multiple tenders related to various track, bridge & service building maintenance work.
- Successfully protected bridge approach embankment by **cess widening, pitching, toe wall & pipe pushing**.
- Completed tasks of **elimination of Level Crossing Gate** (10), encroachment removal (152, by coordinating with State Police), Track Renewal by PQRS (2.5 km), Through Weld Renewal (26 km), Through Rail Renewal (11.2 km), Through Sleeper Renewal (3.4 km), Ballast Insertion (10,900 m³) & Deep Screening (16 km).

Chief Workshop Manager

Manmad, India

INDIAN RAILWAYS

Aug. 2019 - Dec. 2021

- Management of overall activities related to **Fabrication of Steel Girders** in Central Engineering Workshop.
- Continuously **lead a team of >750 staff** including the Field Inspection Unit for smooth functioning.
- Managed various activities related to Fabrication & Metallising of Girders (13,046 ETU), Permanent Way items (1364 ETU), procurement of materials, liaisoning etc.
- Successfully coordinated with state authorities & various union bodies during the COVID-19 pandemic.
- Successfully commissioned Sleeper Testing Lab & purchased Plasma Cutting machine, 20 tonne Road Mobile Crane & Restricted Height Girders in a tight deadline.
- Delivered **>25 training courses (208 trainees)** in the Zonal Bridge Training Institute, Manmad, India.
- Successfully **awarded ISO (14001:2015, 9001:2015 & 45001:2018)** certification by Quality Research Organisation.
- Received **award from General Manager** for successfully modifying & fabricating special Diamond Crossing, for delivering 18.3 & 24.2m plate girders & for managing the workshop during the COVID-19 pandemic.
- Maintained an overall **outstanding performance** (>9.0/10.0) during the tenure.

Executive Engineer, Bridges & Flood

Manmad, India

INDIAN RAILWAYS

Jan. 2017 - July 2019

- Managed various activities related to various types of bridges by **leading a team of >200 staff**, including painting, cleaning, greasing, re-girding & instrumentation.
- Executed **>140 inspections** related to Steel Girder Bridge, Road Over Bridge & maintained Bridge Accident Relief Train.
- Completed cleaning/greasing (143), maintenance (131), painting (48), bearing inspection cradle (>10) & footpath work (1) of Steel Track Girder Bridges & ROBs & finalised tender work (>10).
- **Trained >130** Artisan, Junior Engineer, Clerical & Group D staff for better efficiency.
- Received **recognition from the Minister of Railways** for the successful replacement of Steel Girder Bridge in an emergency in **less than 50% of usual working time**.
- Maintained an overall **outstanding performance** (>9.0/10.0) during the tenure.

Senior Assistant Divisional Engineer

Pune, India

INDIAN RAILWAYS

Jan. 2016 - Dec. 2016

- Overall in charge & supervised the safety & maintenance of **>350 km track, >700 bridges, 5 tunnels & >30 colonies/stations** as per the standards of Indian Railways.
- Timely executed activities related to the construction of multi-storey quarters, additional lines in the yard etc.
- **Improved Track Geometry Index** of the section from 64 to 79 & cess repair of 2.2 km.
- Maintained an overall **outstanding performance** (>9.0/10.0) during the tenure.

Assistant Divisional Engineer

Pune, India

INDIAN RAILWAYS

July 2013 - Dec. 2015

- Overall in charge & supervised the safety & maintenance of **>200 km track, >480 bridges, 5 tunnels & 23 colonies/stations** as per the standards of Indian Railways.
- Inspected 2 Railway Affecting Tanks to **mitigate the monsoon & flood-related breakdowns**.
- Completed various activities related to maintenance of Track Renewal Program, **elimination of Level Crossing Gate** (20), insertion of Segmental boxes (6), Deep Screening (5.1 km), commissioning of additional line in the yard, Through Rail Renewal (8.5 km), Through Sleeper Renewal (5.4 km), waterproofing & drainage arrangement (45 qtrs) etc.
- Successfully restored multiple derailments.
- Maintained an overall **outstanding performance** (>9.0/10.0) during the tenure.

Indian Railways Service of Engineer Probationer Trainee

Pune, India

INDIAN RAILWAYS

Dec. 2011 - June 2013

- Completed training on Railways Induction, **Open Line, Construction**, Track Machine, Design, Transport Management, Signal/Mechanical/Electrical Engineering & Diesel Locomotive Workshop.
- Outstanding performance** (>9.0/10.0).

Education

Masters in Civil Engineering

IIT (Indian Institute of Technology) Delhi

DELHI, INDIA

Aug 2010 - Dropout

- M. Tech. "Rock Engineering & Underground Structures" 2011 dropout, with **CGPA: 8.17/10.00**.
- Received **MHRD** (Ministry of Human Resource Development) **scholarship** for masters.

Bachelors in Civil Engineering

Bundelkhand Inst. of Eng. & Tech., Jhansi

JHANSI, INDIA

Aug 2005 - July 2009

- B. Tech. Honors (First Division)**, with **CGPA 7.51/10.00**
- Thesis title: "Design of multi-story building".

Examinations

2010	All India Rank: 1 , Junior Executive Engineer.	Airport Authority of India
2010	All India Rank: 33 (Civil Engg.) , Engineering Services Examination.	UPSC, India
2007	Rank: 353/8,000 , GATE (Graduate Aptitude Test in Engineering).	Min. of Human Res. Dev.
2004	Qualified , PABT (Pilot Aptitude Battery Test).	NDA, India

Workshops

2021	NAIR (Min. of Railways, India), Management development program.	Vadodara, India
2019	IRICEN (Gov. of India), Bridge planning.	Pune, India
2017	IRICEN (Gov. of India), Land management.	Pune, India
2017	IRICEN (Gov. of India), Steel structures.	Pune, India
2016	IRICEN (Gov. of India), Mechanised track maintenance, monitoring & USFD.	Pune, India

Organizational Memberships

Indian Railways Institute of Civil Engineering	2020 - PRESENT
Indian Institution of Bridge Engineers	2011 - PRESENT

Other Managerial Roles

2019-2021	Chairman , Kendriya Vidyalaya, Ctrl. Board of Secondary Edu., India.	Manmad, India
2019-2021	Head , Zonal Bridge Training Institute, Gov. of India.	Manmad, India
2019-2021	Incharge , Flash butt welding plant, Gov. of India.	Chalisgaon, India

Personal Information

Date of Birth: 06th Feb. 1987

Interest: Travelling, Outdoor activities, Fitness

Nationality: Indian

Driving License: Indian

Marital Status: Married