

Mandar Patil

Previous employee at EXFO

Innovative and results-driven Full-Stack Developer with hands-on experience in front-end and back-end technologies. Proven ability to maintain and enhance web applications using HTML, CSS, JavaScript, TypeScript, Java and Angular. Actively seeking a role within a dynamic and forward-thinking software technology environment, eager to leverage problem-solving skills and proficiency in web development to drive innovation & excellence.





WORK EXPERIENCE

Associate engineer **EXFO**

06/2023 - 02/2024

Pune

EXFO Company is renowned for offering monitoring, maintenance, and other solutions related to optic fiber technologies

Achievements/Tasks

- Front-End Development: Maintained the FMS website using HTML, CSS, SASS, JavaScript, TypeScript, and Angular 11+.
- Feature Implementation: Developed and deployed a PDF report generation feature, enhancing data accessibility by enabling users to download reports previously confined to OTDR trace files (.sor). This eliminated the need for specialized OTDR viewer software.
- Log Rotation Optimization: Reduced log space by 30% for three critical services by implementing log rotation cycles in JavaScript.
- Microservices Orchestration: Familiar with orchestrating microservices using Docker Swarm, ensuring efficient service management.
- Version Control: Managed version control using Git, including tasks such as branching, cloning, merging, rebasing, and managing repositories.
- CI/CD Pipelines: Managed Continuous Integration/Continuous Deployment (CI/CD) pipelines, ensuring production readiness.
- Global Collaboration: Worked with globally distributed teams across multiple time zones.

CERTIFICATES

Fellowship in Software Development (Java + Spring Boot) by Crio.do



PERSONAL PROJECTS

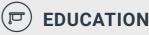
Smart Traffic Management System (06/2022 - 06/2023)

- Traffic Analysis: Developed a system to manage traffic flow by analyzing vehicle density using YOLO V5 and
- GUI Development: Created a user interface using Tkinter Python to analyze video input and determine traffic rotation cycles.

The Classroom Project (06/2022 - 01/2023)

- Web Development: Developed sign-in, sign-up, and messaging pages using the MERN Stack (JavaScript, MongoDB, Express.js, React, Node.js)
- Course Management: Implemented student and instructor access to courses using Firebase Firestore and Firebase Authentication.





Bachelor's in Electronics and Communication Engineering (B.Tech)

Visvesvaraya National Institute of Technology, Nagpur

06/2019 - 06/2023 7.75 GPA(Out of 10)

12 th Board Yashoda High school 06/2017 - 06/2019 87.85%