



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.



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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 Python.
- 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.



SKILLS

Python

GIT

Gitlab

Java

HTML5

C

C++

Javascript (ES5 & ES6)

React

Express.js,

CSS

SQL

MySQL

MongoDB

AngularJs

Boots

Node.JS

Typescript

Docker

Bootstrap (Framework)

Object-Oriented Programming (OOP)

Agile development



EDUCATION

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%