



Mandar Patil

Previous employee at EXFO

I am actively seeking a role within a dynamic and forward-thinking software technology environment. Eager to leverage my adept problem-solving skills and proficiency in web development, I aim to play an integral role in driving innovation and excellence within the organization



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Nagpur, India



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

- As a front-end developer within the ANSA DevOps team, my primary focus revolves around maintaining the FMS website.
- Utilized HTML, CSS, SASS, JavaScript, TypeScript, and Angular (Angular +11, Rxjs, Angular-CLI) framework to maintain Front-End Design for providing seamless experiences.
- Implemented log rotation cycles in JavaScript, resulting in a significant reduction in the required log space for three critical services.
- Demonstrated proficiency in Git, adeptly handling tasks such as creating, deleting, branching, cloning, merging, and rebasing.
- Familiar with Orchestrated microservices management using Docker Swarm.
- Implemented a download button feature enabling PDF report generation, enhancing data accessibility and user functionality, facilitating seamless data sharing previously confined to .sor files (OTDR trace files), and thereby eliminating the need for specialized OTDR viewer software for access.
- Experience with globally distributed teams in multiple time zones.
- Experience in implementing and managing Continuous Integration/Continuous Deployment (CI/CD) pipelines, overseeing monitoring and observability systems, and ensuring production readiness for software applications.
- Familiar with concept of Continuous Integration/ Delivery (CI/CD) pipeline.
- Experience with RESTful APIs and asynchronous request handling.



PERSONAL PROJECTS

Name :- Smart Traffic Management System(Final Year Project) (06/2022 - 06/2023)

- Analyzed a four-lane traffic square by capturing videos of vehicles in the front row of each lane & Utilized YOLO V5 to calculate number density and determine appropriate time allocation for each lane within a rotation cycle.
- Implemented a rotation cycle mechanism to manage traffic flow across all four lanes continuously.
- Incorporated logic and algorithms entirely in Python for project implementation.
- Developed a graphical user interface (GUI) using Tkinter Python, featuring four equal regions representing each lane, enabling video input for analysis.
- Integrated YOLO V7 technology to accurately count the number of vehicles and assess number density in the traffic square.

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

- Developed sign-in, sign-up, and messaging pages for both students and teachers using MERN Stack - Javascript (ES5 & ES6), MongoDB, Express.Js, React, Node.Js.
- Implemented a web development project granting students access to courses upon logging in, while instructors administer the course. using Javascript (ES5 & ES6), Firebase Firestore, Firebase Authentication, Express.Js, React, Node.Js, MongoDB



LANGUAGES

English

Professional Working Proficiency

Hindi

Native or Bilingual Proficiency

marathi

Native or Bilingual Proficiency



SKILLS

Python

GIT

Gitlab

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%