

SAJJAD MAZHAR

Software Developer

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Howrah, West Bengal

in sajjadmazhar

SajjadMazhar

SKILLS

JavaScript

Python

Node.js

React

Angular

Docker

MongoDB

PostgreSQL

AWS

Firebase

Electron.js

Cordova

Prismas

Git

GitHub

matplotlib

numpy

pandas

sklearn

CERTIFICATES/ AWARDS

Full stack development:

Devsnest | 

JavaScript Algorithm and Data Structures freecodeca:

freecodecamp.org | 

Fundamentals of Quan-

tum Computing Program:

LinuxWorld India | 

Youth Empowerment AI

Hackathon: KPMG, enac-


tus, Microsoft | 


ABOUT ME

I am a Software Development Engineer with over 1.5 years of experience in full-stack development, specializing in back-end and front-end application development also worked on cloud platforms like Firebase, Google Cloud Platform, and AWS. Adept at identifying opportunities to enhance the user experience and develop new features to improve app functionality.

EXPERIENCE

Software Developer Engineer - I | Phicode Pvt. Ltd.

 AUG 2022 – Present

 Bengaluru, Karnataka


Interactive Telecom Platform


- Worked on a **Telecom Tower management application**. This application allows users to feed their tower's data (e.g tower's 3D model, images, height, location, etc.) taken from a drone.
- Developed a measuring tool using **three.js** to measure the length and area of the towers' 3D models and integrated it into the application.
- Used Firebase client libraries to manage **Firebase database and storage** for 3+ Node.js and angular projects.
- Developed, tested, and deployed applications on **firebase hosting**.
- Operated with **AWS S3**. Responsible for managing and transferring data across S3 buckets of different accounts.
- Pursued Working with **Docker, AWS ECR, ECS**. responsible for dockerizing applications and deployment in **AWS ECS**.
- Participated in developing in company's product.

Warehouse Management Platform

- I had the opportunity to work on an exciting embedded project at Phicode, where we developed an advanced warehouse management system. It is an autonomous system of **LiDARs (Light Detection and Ranging)**, which takes periodic scans of any target asset to generate real-time Digital-twin and share extracted information using AI with the customer.
- The project's core technologies included **LiDAR (Light Detection and Ranging)** for precise distance and spatial data, **Robot Operating System (ROS)** for real-time sensor data processing, **Flask** for the backend server, and **React** for the user interface and **Arduino** for external hardware control.
- I simultaneously, handled a part of the **backend** and **frontend** of the application with the team.
- I collaboratively, integrated tools to manipulate and cut a **3D point cloud structure** into different segments to study, and also to fetch the volume of the 3D point cloud.
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Student Mentor | NavGurukul


 DEC 2021 – JULY 2022

 Dharamshala, Himachal Pradesh

- Mentored students for around 7 months with Python, JavaScript, and Nodejs.


- Developed teaching and leading skills and also discovered new concepts.


PROJECTS

Nexus.point | 

 JULY 2023

- Nexus.point actually is a social media web application that I am working on. It is a forked repository where I have added a lot of features such as,
 1. Show online badge on the friends' widget.
 2. Give a like to a post.
 3. Drop comment on a post.
 4. Notification system.
 5. Fully functional chat page with many features.
 6. Recreated mongodb schemas according to changes I made.You can read about more features in Readme.md file on github.

Job Search Android App | 

 SEPTEMBER 2023

- Created a job search android application using react-native and free API service of RapidAPI Hub. Build and deployed with expo.

EDUCATION

B.Sc. | Shibpur Dinobundhoo Institution (College)

 MAY 2017 - OCT 2020

 Howrah, West Bengal

- PERCENTAGE: 72