# SAJJAD MAZHAR

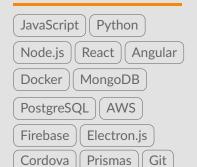
#### **Software Developer**

- @ sajjadmazharjr@gmail.com
- **+917003853731**
- Howrah, West Bengal

- in sajjadmazhar
- SajjadMazhar

numpy

## **SKILLS**



GitHub matplotlib

pandas (sklearn

# **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

Pengaluru, Karnataka

# CERTIFICATES/ AWARDS

Full stack development:

Devsnest |

tum Computing Program:
LinuxWorld India | 

Youth Empowerment AI

Hackathon: KPMG, enactus, Microsoft | **⊕** 

#### 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
  Al 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.

#### 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