SAJJAD MAZHAR

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Full Stack Software Developer with 1.5 years in **R&D**. Proficient in **MERN** and **MEAN** stacks. Skilled in end-to-end development, debugging, deployments, and cloud services. Proven track record of delivering high-quality solutions in collaborative environments.

EXPERIENCE

Phicode Pvt. Ltd.   Aug 2022 – Present
Software Development Engineer   *Bengaluru, Karnataka*

- Developed a **Telecom Tower management application** using **Angular and Firebase** enabling users to input drone-captured data, including 3D models, images. handled data flow through **AWS S3 and MognoDB**
- Created a measuring tool with **three.js** to calculate length and area of 3D models, seamlessly integrating it into the application. Managed data transfer across **AWS S3** buckets of multiple accounts.
- Contributed to a **Warehouse Monitoring System** and collaboratively developed frontend tools for segmenting and studying a **3D point cloud** structure in **React application** and backend in **Python Flask**.
- Worked on **Docker, AWS ECR, and ECS** for application dockerization and deployment on **AWS ECS**.
- Utilized **Firebase** client libraries to handle **database and storage** in **3+ Node.js and Angular projects**.

NavGurukul   Nov 2021 – July 2022
Student Mentor   *Dharamshala, Himachal Pradesh*

- Acquired expertise in web development through formal education, subsequently imparting knowledge to over 100 students in the same domain as an instructor within an NGO setting.

PERSONAL PROJECTS

Nexus.point | *React.js, Express.js, Node.js, MongoDB Atlas*   ⭘ Go to Project — 🌐 View Demo

- Spearheaded the development of a feature-rich social media app, encompassing friend-making, post creation, reactions, and real-time chat functionality, with a focus on creating engaging and user-friendly interfaces.

Portfolio | *React.js, Three.js, Vite, Mail.js, Tailwind*   ⭘ Go to Project — 🌐 View Demo

- Developed a personal portfolio website utilizing React.js, Three.js, Vite, Mail.js, and Tailwind, showcasing proficiency in front-end technologies and creative design implementation.

TECHNICAL SKILLS

Languages: JavaScript/ES6, TypeScript, Python(numpy, pandas, matplotlib, scikit-learn)
Technologies: React/Redux, Angular, Flask, Express.js, Scikit-learn, Bootstrap, RestAPI, Node.js, Electron.js, Docker/Docker-compose, Machine-learning, Prisma/Prisma-Client, Mongoose, Sequalize , Git, GitHub
Cloud Services: AWS(S3, Lightsail, EC2, ECS, ECR), Firebase(Realtime database, Storage, Hosting, Google Analytics)

CERTIFICATIONS

Full Stack Development Bootcamp (DevsNest) — View

JavaScript Algorithm and Data Structures freecodecamp— View

Youth Empowerment AI Hackathon: KPMG, enactus, Microsoft— View

Education

University of Calcutta   Expected May 20XX
Bachelor of Science (GPA: 7.19 / 10.00)   *Kolkata, West Bengal*