

# SAI VIVEK MANIKONDA

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## SUMMARY

Aspiring Computer Science and Engineering graduate with a strong foundation in software development, data structures, and algorithms. Enthusiastic about leveraging my technical skills in an innovative environment to contribute to impactful projects.

## TECHNICAL SKILLS

- Programming Languages: Java, Python, Basics of Flutter
- Database : Mysql , Mongodb
- Web Development : React js ,Node.js, Express.js, Html , Css , Javascript
- Version Control : Git , GitHub

## PROFESSIONAL EXPERIENCE

### Freelance Full Stack Developer

AUG 2024 - JAN 2025

- Project: CCBOND – B2B Platform for Chemical Operations.
- Tech Stack: React.js, Tailwind CSS, Node.js, Express.js, MongoDB
- Owned the frontend architecture for a B2B web app, building scalable, responsive UIs with React.js and Tailwind CSS.
- Worked cross-functionally to integrate APIs and implement secure login, role-based access, and file uploads.
- Contributed to backend logic for handling user data, enquiries, and inventory using Node.js and MongoDB.
- Delivered a robust MVP that enabled chemical suppliers to digitize product enquiries and streamline operations.

## PROJECTS

### ClearNav- A Pothole Alert Navigation Application

Technologies Used: Flutter, Google Maps Platform, Dart, Firebase

- Developed an app that enhances road safety by crowdsourcing information about potholes and deteriorating roads.
- Integrated Google Maps API for real-time navigation and instant alerts for drivers.
- Focused on community collaboration to create a comprehensive database of road hazards.

### Facial Emotion Recognition (FER)

Technologies Used: Python, Machine Learning, Deep Learning, Computer Vision

- Developed a system using Convolutional Neural Networks (CNNs) to analyze facial expressions and recognize emotions. Utilized Python to process data and train the model.
- Potential applications include customer service and healthcare, enabling machines to read human emotions in real-time.

## EDUCATION

- Bachelor of Technology, Computer Science and Engineering,
- 2020-2024 Anurag University, Hyderabad, Telangana.
- CGPA-7.70