Sammith Gowda

FULL-STACK WEB DEVELOPER

SKILLS AND FRAMEWORKS

React.Js | Node.Js | JavaScript
Express.Js | Python | ReactNative
Redux | SQLite MongoDB | HTML
CSS | GItHub | Soket.IO | Serial
Communication | CICD | AWS
Geospatial Data Processing |
Figma

CERTIFICATION AND LICENSES

Basics of Web development Certificate Course,

Masai

The complete React-Native And Hooks

Udemy

SOFT SKILLS

Remote Work

Team Leadership

Adaptability

Time Management

INTERESTS

Playing Games
Traveling
Reading Books and
Cricket

Pune,Maharashtra

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Github

Sammith D GOWDA

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PROFESSIONAL SUMMARY

Full-stack developer with 2 years of hands-on experience in design and development. Proficient in both client and server technologies, with a strong command of the JavaScript language and frameworks such as ReactJS, React Native, and NodeJS. Experienced in SQL database management. Successfully collaborated with different domain teams to fulfill requirements and closely worked with stakeholders to understand requirements for delivering solutions. Dedicated to delivering high-quality code, adhering to best practices, and seeking opportunities for improvement

WORK EXPERIENCE

Syncthreads Computing Pune,Maharashtra

Full Stack Web Developer 2022 - Present

Project -01 GPS Based Mine Retrieval System

We Developed a GIS-based Mine Retrieval System for the Indian Army, enabling soldiers to locate, replace, or destroy mines in a minefield through real-time tracking and identification using GPS and RFID integration on open-source maps.

Roles & Responsibility

- Extracted GPS (NMEA) sentences using Node.js and Socket.io to transmit data to a React Leaflet map, displaying coordinates with the user's real-time location
- Created modular components to render data efficiently, with Redux for streamlined state management in React
- Managed multiple NMEA sentences on the backend for robust data processing.
- Designed a user interface in React to display an OSM map with real-time location tracking.
- Implemented functionality for users to upload shapefiles onto the OSM map, enhancing map customization.
- Developed backend routes to save and organize various location data.
- Built RFID solutions using Node.js and BLE protocol, enabling seamless integration with hardware.

DataBase: Sqlight

Tech Stack: ReactJs | Nodejs | React Leaflet Map | Python ReactBootstrap | ExpressJs | SocketIo | HTML | CSS | Bluetooth Classic and BLE | Serial Commnunication | Radio Frequency Identification | QGIS | Open-sourec-layer

EDUCATION

B.C.A (First Class)

Govt First Grade College,Thirthahlli

June 2015 - April 2018

M.C.A (First Class)

K.L.E. Society's S. Nijalingappa College

October 2018 - October 2021

Full-Stack Web Development

Masai School, Bangalore

October 2021 - April 2023

Project -02 Vehicle Navigation System

Developed a real-time navigation system to track vehicle movement using GPS data, processing location details on the backend and displaying vehicle routes on a map for user reference. The system saved all movement data for future analysis

Roles & Responsibility

- Extracted GPS (NMEA) sentences from devices, utilizing Node.js and Socket.io to transmit data to the client side
- Displayed extracted coordinates on a React Leaflet map, providing real-time tracking of the user's location
- Tracked user movement and stored coordinates in a CSV file within a database for future retrieval and analysis
- Managed the processing of multiple NMEA sentences on the backend for efficient data handling
- Developed a user interface in React, allowing users to view their current location on an OSM map using React Implemented
- functionality to enable users to load and visualize shapefiles on the OSM map.

DataBase: Sqlight

Tech Stack: ReactJs | Nodejs | React Leaflet Map | ReactBootstrap | ExpressJs | SocketIo | HTML | CSS | Serial Commnunication | GIS web application

PROJECTS

Native weather App

Developed a weather app in React Native for Android, enabling users to track their movement during activities. The app visualizes the route on a map and stores location data in MongoDB for future access after the activity

FEATURE

- Implemented Google OAuth authentication Sign-in/Sign-up
- Utilized MongoDB for database management, creating APIs to store and retrieve user data
- Integrated React Native Map to track and display live user location, with a form for users to input activity names and visualize their movement in real-time

DataBase: MongoDb

Tech Stack: ReactNative | Nodejs | ReactJs | Tailwind | ExpressJs | SocketIo | G-Auth | MapView