SUSHANTH RAI

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Skills

Languages: Dart, Java, JavaScript, C, Python, SQL

Framework & Technologies : Flutter, Spring Boot, ReactJS, NodeJs, ExpressJs

Tools : Git, Docker, Firebase, Jira, Android Studio

Work Experience

DevAppSys IT Solutions Pvt Ltd, Mangalore   Jan 2024 - April 2024

Intern Android Developer(Flutter)

- Developed Android and Web Applications using Dart and Flutter, contributing to a Government project focused on upgrading legacy systems to modern technologies.
- Integrated hardware like Printers, Bluetooth devices, barcode scanners, and automatic cash drawers for seamless device interaction.
- Reduced processing times by integrating hardware solutions effectively.
- Implemented local data storage using Hive, enabling offline functionality, and designed authentication systems with access tokens and refresh tokens for secure login.
- Built responsive UI/UX for web, Android, and tablet platforms, ensuring compatibility across devices.

Education

BMS College Of Engineering Bangalore(Lateral Entry)   Sep 2024 - Present

B.E. in Computer Science and Engineering

Relevant Coursework: Object Oriented Programming, Databases, Data Structures and Algorithms, Discrete Maths

Karnataka (Govt.) Polytechnic Mangalore   Nov 2021 - June 2024

Diploma Computer Science and Engineering   *SGPA: 9.3/10*

Relevant Coursework: Object Oriented Programming, Databases, Data Structures and Algorithms, Operating Systems, Computer Networks, Computer Hardware, Software Engineering, Full Stack Development

Project Work

- **Cash Counter(Feb 2024- April 2024):** Designed and implemented a live project during my internship to support government services in transitioning from legacy systems to modernized digital workflows. Developed features such as automatic cash drawer operations, barcode scanner integration, and receipt printing, enhancing operational efficiency. Ensured seamless connectivity with devices and peripherals for smooth system-hardware interactions. Created a responsive and user-friendly interface optimized for tablets and desktops, catering to diverse user needs. Also, implemented local data storage using the Hive database, enabling offline functionality for uninterrupted operations.
- **opportunity Hub (Working Present):** Opportunity Hub is a MERN stack-based web application built using Vite and React for the frontend and Node.js with Express for the backend. The platform allows an admin to post job opportunities by adding job details such as title, description, and requirements. Users can explore the listed jobs, select the ones they are interested in, and apply directly through the application. With a modern React-based frontend and a robust backend, Opportunity Hub ensures smooth interaction between admins and users, offering a responsive and user-friendly experience.

Awards and Certificates

- **Rank 179 in DCET Exam:** Secured a rank of 179 in the DCET (Diploma Common Entrance Test) Exam.
- **Class Representative for Two Years :** Served as the class representative for two consecutive years, demonstrating leadership and organizational skills.