Sujay Alaspure

Software Development Engineer
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EXPERIENCE

Senior Software Developer   *Feb 2023 - Present*

Netradyne Technologies   *Bengaluru, Karnataka*

- Integrated the data **caching mechanism** in SDK built using **KMM (Kotlin)** and **SQLDelight DB**.
- Successfully re-engineered the main Dashboard screen of the app, achieving an impressive **45% reduction** in the initial app load time.
- Implemented a feature from scratch to broadcast the data between the app and Hardware device over the "**iBeacon**" protocol.
- Tech stack worked on -> **React-Native, Javascript, Swift, KMM, Kotlin**

Software Developer - L2   *Oct 2021 - Feb 2023*

Robosoft Technologies   *Bengaluru, Karnataka (remote)*

- Developed a Mobile App from scratch to deployment on PlayStore and Appstore.
- Led the POC implementation of the **offline first** functionality from scratch using **MongoDB Realm** database.
- Tech stack worked on -> **React-Native, ReactJs, Typescript, Swift and REST APIs.**

Software Developer   *Nov 2019 - Apr 2021*

Tata Consultancy Services (TCS)   *Mumbai, Maharashtra*

- Developed modern, performant, and robust code for diverse client and internal projects.
- Took **ownership** of the development of an **Automation testing utility** using **Selenium,** and **Java**. This helps reduce the manual testing efforts by **90%** and saves **15,000$ annually.**
- Built **automation scripts** using **Powershell** and bash Scripting**,** helping the team reduce repetitive tasks and server uptime monitoring.
- Worked with various languages, frameworks, and tools such as **Selenium**, Bash Script, **Jenkins**, **JavaScript**, **ReactJs**, etc.

TECHNICAL SKILLS

Languages: Javascript (ES6), Typescript, HTML, CSS, Kotlin
Frameworks: ReactJs, React-Native, NodeJs, Redux, REST APIs
Developer Tools: Git, Jira, Firebase, VS Code, Postman, MongoDB Realm, Codepush CI/CD
Other: Data Structure and Algorithm, Object-Oriented Design, Material UI Design, Jest, Firebase, Figma.

PROJECTS / INVOLVEMENTS

- **Innards** is a Marketplace mobile app for plants shopping. ([Link])
  - This app contains complete navigation, product cards, product details page and complete shopping flow filled with animations.
- **MIT Scratch app clone.** ([Link])
  - This Project is a clone of MIT scratch [app] with fully featured Drag and Drop UI and animation based on Scratch Blocks. Built using React Js, DrapNDrop
- **Research paper published in IJARCCE** -
  - This paper proposed a methodology of Two Way Wireless Mesh Network Data Sharing between devices using WiFi over a local area network and automatic re-connection to its peers on failures of any of the devices. **(paper ID: IJARCCE.2019.8805**)

EDUCATION

SGBAU, Amravati Maharashtra   *2015 - 2019*

Bachelor of Engineering in Electrical & Electronics Engineering   *7.22 CGPA*

CERTIFICATES AND ACHIEVEMENTS

- **Special Achievement award** for consistently exceeding the performance by TCS
- Recognition of zero defect delivery
- **5 Star Rating** of the first anniversary by TCS
- Patent - **IoT Smart StreetLight System #202121025261**