

Sujay Alaspure

Software Development Engineer
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EXPERIENCE

Software Developer - L2

Oct 2021 - Present

Robosoft Technologies

Bengaluru, Karnataka (remote)

- Lead the POC implementation of the **offline first** functionality from scratch using **MongoDB Realm** database.
- Managed a process of **re-engineering mobile** Application to improve end-to-end service processes.
- Communicated with **multi-disciplinary teams** of developers, designers, producers, and clients on a daily basis.
- Tech stack worked on -> **React-Native, ReactJs, Typescript, REST APIs.**

CoFounder and CTO

Apr 2021 - Dec 2021

Indivisible Solutions

Amravati, MH

- Co-founded a startup aiming to develop **affordable smart home** solution products.
- Developed and shipped **highly interactive** android applications for Home Automation Application **SmartHM**. Built using **React-Native**, Firebase, and MS App center.
- Architected and implemented the company website and various internal tools like WordPress CMS, **ReactJs**, and C++.

Software Developer

Nov 2019 - Apr 2021

Tata Consultancy Services (TCS)

Mumbai, MH

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

TECHNICAL SKILLS

Languages: Javascript (ES6), Typescript, C, C++, Python, HTML, CSS,

Frameworks: ReactJs, React-Native, Selenium, NodeJs, Redux, REST APIs

Developer Tools: Git, Jira, Notion, Firebase, VS Code, Postman, MongoDB Realm, Codepush CI/CD

Other: Data Structure and Algorithm, Object-Oriented Design, Material UI Design, Jest, Firebase, Figma.

KEY PROJECTS / INVOLVEMENTS

- **SmartHM** -
 - Mobile application built to control the home appliances using IoT Technology. Developed using React Native, Javascript, and Firebase.
- **Implemented automated testing utility** from scratch using selenium for more diligent levels of regression testing, negative testing, error/bug retests, and usability.
 - Tech used- **Selenium**, Java, Jenkins, SMTP Email Client, Extent Report.
- **Research paper published in IJARCCCE** -
 - 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: IJARCCCE.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**