

# Sujay Alaspure

Software Development Engineer  
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## EXPERIENCE

### Software Developer - L2

Oct 2021 - Present

Robosoft Technologies

Bengaluru, Karnataka (remote)

- Implemented the **offline first** functionality from scratch using **MongoDB Realm** database which reduces the app latency by **90%**.
- 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**