

# SANSKRUTI BETAGERI

@ sanskrutibetageri74@gmail.com

+91-9353629619

Bengaluru, Karnataka - India

GitHub

LinkedIn

## EXPERIENCE

### Software Engineer Intern

#### LG Soft

Jun 2023 – Present Bengaluru, India

- Experience working in an Agile environment.
- User story analysis, estimations, coding, unit testing, debugging, peer reviews, problem-solving, third-party integrations, documentation, and deployment.
- Worked on building Rest APIs in Java Springboot. Good knowledge on microservice frameworks.
- Involved in writing unit test cases using Junit, and Mockito. Code quality checks using Sonarqube.
- Built common reusable components in Angular, involved in dev testing of E2E application.
- Hands-on experience of Compute Storage Services in Amazon Web Services ( AWS )
- Worked on testing multimedia drivers and debugging issues by checking the logs of connectors.
- Implemented small features and components like Settings, and Updates on the webOS platform.

### SWE Intern

#### Tantragyaan Solutions

Jan 2023 – Jun 2023 Bengaluru, India

- Received hands-on on Database Design and creating optimized SQL queries.
- Gained knowledge on Java, Advanced Java, REST APIs, and Frameworks like Springboot, Javascript, Angular, HTML, and CSS.
- Worked on an HRMS tool and built user-facing REST APIs.
- Designed and developed UI components using Angular.

### Web Developer

#### Eduphoneix Solutions

Oct 2022 - Dec 2023 Remote

- Got a good knowledge of the Software Development Life Cycle ( SDLC ).
- Worked on creating basic HTML+CSS templates and created interactive webpages using native Javascript.

## TECHNICAL SKILLS

- **Programming Languages :** Python, Java, JavaScript, C, TypeScript
- **Front-End :** HTML, CSS, Angular
- **Back-End :** SpringBoot, Amazon Web Services ( AWS ), SQL, Firebase, JUnit, Mockito,
- Operating Systems, Database Management Systems, Computer Networks

**Declaration :** I assure that the details provided above are up to date and true as per my knowledge.

## EDUCATION

### B.Tech, Electronics and Communication Engineering

**JSS Science and Technology University, Mysore, KA – 8.47 GPA**

July 2019 – May 2023

### Higher Secondary School Certificate

**Prarthana PU college, Bagalkot, KA – 92%**

May 2015 – Mar 2017

### Secondary School Certificate

**ST Annes Convent High School, Vidyagiri Bagalkot, KA – 98.7%**

May 2014 – Mar 2015

## EXTRA-CURRICULAR

- IEEE Student Member
- Project Reach-Out Member
- Secured 2nd prize in abacus competition.
- Secured 1st prize in drawing competition.

## ACADEMIC PROJECTS

### 1. RFID-based car parking system

RFID Card is given to the user and the card details are pre-programmed in the micro-controller. If the record of the person exists he is allowed to park the car. This design was simulated in Proteus Design Automation Software. In the future, it will be possible to see unattended, safe, and atomized parking lots operating with RFID technology

### 2. Development of Algorithm for Driverless Car Navigation

Developing an algorithm for navigation of driverless cars in MATLAB. I was involved in creating global and local path visualization planning in the system. Global path planning provides a valid path for local path planning, it includes driving orientation and goals. Local path planning ensures the car is driven in the center of the lane and avoids static or dynamic obstacles. Currently working on integrating the MATLAB simulation onto hardware.