

# SANSKRUTI BETAGERI

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Bengaluru, Karnataka - India

GitHub

in LinkedIn

## EXPERIENCE

### Software Engineer Intern

#### LG Soft

Jun 2023 – Present

Bengaluru, India

- Worked in an Agile environment on user story analysis, estimations, coding, unit testing, debugging, peer reviews, problem-solving, third-party integrations, documentation, and deployment.
- Successfully developed and deployed 10+ high-performance REST APIs using Java SpringBoot, enhancing the application's scalability and maintainability.
- Achieved a 85% unit test coverage by creating comprehensive unit test cases with JUnit and Mockito; ensured code quality and security through rigorous SonarQube checks.
- Built and integrated 5+ reusable components in Angular, reducing development time for new features by 20
- Hands-on experience with Amazon Web Services (AWS) Compute and Storage Services.
- Tested multimedia drivers and debugged issues by analyzing connector logs.
- Implemented features and components like Settings and Updates on the webOS platform.

### SWE Intern

#### Tantragyaan Solutions

Jan 2023 – Jun 2023

Bengaluru, India

- Designed databases and created optimized SQL queries.
- Developed applications using Python frameworks like Django and front-end technologies such as Angular, HTML, and CSS.
- Built user-facing REST APIs for an HRMS tool.
- Designed and developed UI components using Angular.

### Web Developer

#### Eduphoneix Solutions

Oct 2022 - Dec 2023

Remote

- Gained knowledge of the Software Development Life Cycle (SDLC).
- Created HTML and CSS templates and developed interactive web pages using native JavaScript.

## EXTRA-CURRICULAR

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

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

## TECHNICAL SKILLS

- **Programming Languages :** Python, Java, JavaScript, C, TypeScript
- **Front-End :** HTML, CSS, Angular
- **Back-End :** SpringBoot, Django, JUnit, Mockito,
- **Databases :** MySQL, Firebase
- **Cloud Services :** Amazon Web Services ( AWS ) EC2, S3, Cloudwatch
- **DevOps :** GIT, Jenkins, Docker, Kubernetes
- **Other Skills:** Datastructures & Algorithms, Operating Systems, Database Management Systems (DBMS), Computer Networks

## EDUCATION

### B.Tech, Electronics and Communication Engineering

#### JSS Science and Technology University, Mysore, KA – 8.2 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

## ACADEMIC PROJECTS

### 1. RFID-based car parking system

Developed a system where RFID cards are assigned to users, and card details are pre-programmed into a microcontroller. If the user record exists, parking access is granted. Simulated using Proteus Design Automation Software.

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

Developed an algorithm for driverless car navigation in MATLAB, focusing on global and local path planning. The system ensures cars drive in the center of lanes and avoid obstacles. Currently working on integrating the MATLAB simulation onto hardware.