



# BALA SANTHOSH P B

balasanthosh17202@gmail.com | +91-6374341610

## Experience

---

**Zoho** Chennai *Incubation Trainee* October 2023 / January 2024

- Strengthened problem-solving abilities by practicing Data Structures and Algorithms.
- Designed and developed Java applications.

**Capgemini** Bangalore *Associate I* May 2024 / Present

- Built backend modules for a financial system using Spring Boot, REST APIs, Spring Data JPA and Spring Security.
- Developed secure authentication, role-based access, validations, and API documentation.
- Created MVC based internal dashboards and collaborated with frontend teams for feature delivery.
- Designed and optimized PostgreSQL database schemas using Hibernate and JPA.

## Skills

---

**Languages** C, Java, SQL, HTML, CSS, JavaScript

**Frameworks** Spring Boot

**Technologies & Tools** Git & Postman

## Projects

---

### Auto Attendance System Using Face Recognition

June 2021

A software which automatically marks attendance with the help of face recognition and machine learning concepts.

### Anti-Drowning Smart Band

Sep 2021

A device that can assist individuals in staying afloat in water and save people even if they are not skilled swimmers.

### Fire Surveillance and Occupancy Estimation Using Micro UAV

May 2023

A device that is utilized for monitoring fires and estimating occupancy in buildings with the assistance of image processing.

## **Education**

---

**Sri Ramakrishna Engineering College, Coimbatore, Tamil Nadu**

**2019 – 2023**

- Electronics and Instrumentation Engineering | CGPA: 8.55

## **Certificates**

---

- Successfully completed the JAVA Programming course in UDEMY.
- Successfully completed the Basics of HTML, CSS and JAVASCRIPT course in UDEMY.