

# 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/Thymeleaf-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.