



# BALA SANTHOSH P B

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## Experience

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**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.
- Designed and optimized MySQL database schemas using Hibernate and JPA.
- Developed secure authentication, role-based access, validations, and API documentation.
- Created MVC/Thymeleaf-based internal dashboards and collaborated with frontend teams for feature delivery.

## Skills

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**Languages** C, Python, Java, SQL, HTML, CSS, JavaScript, React.

**Frameworks** Spring Boot

**Technologies & Tools** Git & Postman

## Projects

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**Auto Attendance System Using Face Recognition** June 2021

A software which automatically mark 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**

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

**2019 – 2023**

- Electronics and Instrumentation Engineering | CGPA: 8.55

## **Certificates**

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