

# BALA SANTHOSH P B

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## Experience

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<b>Zoho</b>	Chennai	<i>Incubation Trainee</i>	<i>October 2023 / January 2024</i>
<ul style="list-style-type: none"><li>Strengthened problem-solving abilities by practicing Data Structures and Algorithms.</li><li>Designed and developed Java applications.</li></ul>			
<b>Capgemini</b>	Bangalore	<i>Associate I</i>	<i>May 2024 / Present</i>
<ul style="list-style-type: none"><li>Built backend modules for a financial system using Spring Boot, REST APIs, Spring Data JPA and Spring Security.</li><li>Developed secure authentication, role-based access, validations, and API documentation.</li><li>Created MVC based internal dashboards and collaborated with frontend teams for feature delivery.</li><li>Designed and optimized PostgreSQL database schemas using Hibernate and JPA.</li></ul>			

## Skills

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

**Frameworks** Spring Boot

**Technologies & Tools** Git & Postman

## Projects

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<b>Auto Attendance System Using Face Recognition</b>	<b>June 2021</b>
A software which automatically marks attendance with the help of face recognition and machine learning concepts.	
<b>Anti-Drowning Smart Band</b>	<b>Sep 2021</b>
A device that can assist individuals in staying afloat in water and save people even if they are not skilled swimmers.	
<b>Fire Surveillance and Occupancy Estimation Using Micro UAV</b>	<b>May 2023</b>
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.