

## RAJESH BOMMANA

Phone no: +91-9701595925 | Email: [bommanarajesh7@gmail.com](mailto:bommanarajesh7@gmail.com)  
LinkedIn: [Bommana-rajesh-215985247](https://www.linkedin.com/in/Bommana-rajesh-215985247) | Git-Hub: [github.com/RajeshBommana](https://github.com/RajeshBommana)

### CAREER OBJECTIVE

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Secure a dynamic role that leverages my expertise to drive innovation and deliver impactful results, while continuously expanding my skill set through new challenges and learning opportunities.

### EXPERIENCE & TRAINING

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#### 1. Cognizant Technology Solutions (CTS)

Programmer Analyst Trainee | Jul 2025 – present

Trained in Java, Spring Boot, Microservices

- Completed intensive training focused on backend development using Java and Spring Boot
- Gained hands-on experience in building RESTful APIs and microservices architecture.

#### 2. Medha Servo Drives Pvt. Ltd

Technical Assistant (Trainee) | Dec 2024 – Jul 2025

- Conducted system testing and debugging for railway signalling systems.
- Verified compliance with design specs during Factory Acceptance Testing (FAT)
- Prepared technical documentation and supported final dispatch readiness.

#### 3. Reach Medical Systems

Service Engineer | Aug 2021 – Mar 2022

- Maintained and calibrated Philips patient monitors and ultrasound machines
- Repaired and serviced syringe and infusion pumps (Fresenius Kabi)
- Ensured equipment safety and supported hospital staff with on-site technical assistance.

### TECHNICAL SKILLS

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**Languages:** Java, Python, Basics of Flutter, MYSQL, MongoDB, HTML, CSS, Machine learning

**Tools:** Flutter Flow, Vs Code, Eclipse IDE, cisco packet tracer, Git/GitHub, MYSQL Workbench, MongoDB Compass

**MS Office:** MS Word, MS Excel, MS PPT

**Frameworks & Architecture:** Spring Boot, Spring MVC, Spring JDBC, Bootstrap, Microservices

**API Development:** Designing and developing RESTful APIs

**Other Skills:** Problem-solving, Requirement Analysis, System Design, Agile methodology, Client Interaction

### PROJECTS

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#### 1. FlimFlex App

[Link](#)

- **Tech Stack:** Flutter Flow, Firebase
- **Summary:** Developed a movie recommendation app where users can view film suggestions, like/unlike films, and manage personal preferences. Includes secure login/signup functionality with Firebase authentication and real-time database integration.
- **Role:** Designed and implemented frontend using Flutter Flow, integrated Firebase for authentication and data storage, and ensured smooth user experience.

#### 2. Chatting Application

[Link](#)

- **Tech Stack:** Flutter Flow, Firebase
- **Summary:** Built a real-time chatting app supporting multiple users with secure login/signup functionality. Features include group chats, message history, and Firebase backend for authentication and data synchronization.
- **Role:** Implemented user authentication, designed chat interface, integrated Firebase real-time database, and handled debugging/testing.

### 3. Sri Sai Constructions Multi-Role Application (In Progress)

[Link](#)

- **Tech Stack:** Flutter Flow, Firebase, Supabase
- **Summary:** Developing a multi-role construction management app with separate portals for customers, admins, and workers. Current functionality includes worker check-in/out, attendance tracking, work details, user details, and photo uploads. Admin module manages work assignments, while customer portal is under development.
- **Role:** Designed and implemented worker module, integrated Firebase for data handling, and developed admin assignment features. Customer portal development is ongoing and expected to be completed in the coming months.

### 4. Flight Management System

[Link](#)

- **Tech Stack:** Java, Spring Boot, Spring MVC, Microservices, MySQL
- **Summary:** Built a flight booking system using Spring Boot and microservices. Features include viewing, searching, and managing flight data with REST APIs and MySQL integration.
- **Role:** Handled backend development, managed all microservices, and implemented the Delete Flight service.

### 5. Online Petrol Service Application

[Link](#)

- **Tech Stack:** Python, Flask, MySQL, HTML, CSS, Bootstrap
- **Summary:** Built a web-based platform for ordering petrol and diesel online with secure user and admin access.
- **Role:** Developed both frontend and backend, designed MySQL database, and handled testing and debugging.

### 6. Real-Time Automated Attendance System

[Link](#)

- **Tech Stack:** Python, OpenCV, TensorFlow, CNN, MySQL
- **Summary:** Built an AI-based attendance system with multi-face recognition and liveness detection to prevent spoofing.
- **Role:** Developed frontend and backend, designed MySQL database, and ensured real-time accuracy through testing.

### 7. Energy-Efficient Adder-Subtractor Design

[Link](#)

- **Tech Stack:** Verilog, Xilinx ISE, Peres & Feynman Gates
- **Summary:** Designed and simulated a joint adder-subtractor unit to improve energy efficiency in digital systems using reversible logic.
- **Role:** Developed conventional and reversible designs, analysed power, area, and delay, and achieved 1W power savings with reversible gates.

## EDUCATION

• Anurag University, Telangana  
BTech / ECE (Lateral Entry)

2022- 2025  
CGPA: 9.24 / 10

## CERTIFICATIONS

- Java Programming (issued by great learning)
- Programming Essentials in Python (issued by cisco networking academy)
- My SQL Basics (issued by great learning)
- Introduction to Packet Tracer (issued by cisco networking academy)
- Cisco Certified Network Associate (CCNAv7) (issued by cisco networking academy)
- Hands-On Essentials: Data Warehousing Workshop (issued by snowflake)
- Introduction to Machine Learning (issued by great learning)

## SOFT SKILLS

• Adaptability | Confident | Creative | Time management | Good Communication

**DECLARATION**

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I hereby declare that the information furnished above is true to the best of my knowledge

Date:

Place: Hyderabad

**(BOMMANA RAJESH)**