

# Rupa Bhaskar Pydi

Java Developer

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## Professional Summary

Seeking a challenging role in a dynamic organization to apply my skills in Java, OOP, Data Structures, and SQL. Passionate about problem-solving and optimizing database performance. Eager to contribute to innovative projects while enhancing my technical expertise. Committed to continuous learning and professional growth.

## Key Skills

- Frontend: HTML, CSS, JavaScript (ES6+), React, Next.js
- Backend: Node.js, Express.js, Java (Spring basics), REST APIs
- Programming: Core Java, Advanced Java, OOP, Data Structures, Collections, Multithreading, Exception Handling
- Database Management: MySQL, JDBC, SQL Optimization, MongoDB
- Embedded Systems: Arduino, Sensor Integration, Real-time Processing
- Tools: IntelliJ IDEA, Eclipse, Git, GitHub, Maven, JUnit
- Software Development: SDLC, Agile, Design Patterns

## Education

- Aditya Engineering College (2022 - 2025) - M.C.A. - Computer Applications | CGPA: 8.3/10
- Sir C.R. Reddy College, Eluru (2019 - 2022) - B.Sc - Computer Science | CGPA: 7.59/10

## Internships & Experience

- **Java Programming Intern - Savas Tech Solutions, Hyderabad (Nov - Dec 2024)**
  - Developed Java applications, optimized performance, and implemented OOP concepts.
  - Built backend logic using Java and integrated it with MySQL databases.
- **Java Developer Intern - TechoOctaNet Services Pvt Ltd (May - July 2024)**
  - Designed and implemented Java-based applications with RESTful APIs.
  - Gained hands-on experience with debugging, database handling, and Java web development.

## Projects

- **Medico Plus** - Technologies: Java, JSP, Servlets, JDBC, MySQL, HTML, CSS, JavaScript
  - Developed a web-based healthcare communication system to streamline interactions between healthcare providers and patients.
  - Enabled secure and efficient messaging and information sharing to improve healthcare accessibility.
  - Designed an intuitive and user-friendly interface using HTML, CSS, and JavaScript.
  - Integrated MySQL database for managing user authentication and system functionalities.
  - Focused on sustainability by reducing reliance on traditional communication methods and optimizing digital workflows.

- **Java ATM System** - Technologies: Java, JSwing, Applets, OOP, JDBC, MySQL
  - Developed an ATM system with user authentication, transactions, and database integration.
  - Implemented GUI using JSwing and Applets for an interactive user experience.
- **Smart Blind Stick** - Technologies: Arduino UNO, Python, Sensors
  - Developed a smart navigation system for visually impaired individuals using ultrasonic sensors.
  - Implemented real-time obstacle detection and alerts.
- **Online Railway Ticket Booking System** - Technologies: Java, JSP, MySQL, HTML, CSS
  - Built a fully functional railway booking system with authentication and transaction management.
  - Developed backend logic using Java Servlets and integrated it with MySQL for real-time data handling.

## **Certifications**

- Oracle Certified Java Programmer (OCJP)                      - Hacker Rank - 5-star Java Proficiency
- JavaScript training by Spoken Tutorial Project at IIT Bombay

## **Achievements**

- National Means Cum-Merit Scholarship
- Developed a college application and received a reward from the institution for innovation and impact

## **Personal Interests**

Java Performance Optimization, System Design, Backend Development

## **Additional Skills**

- Analytical & logical reasoning
- Good English communication
- Time management
- Problem solving

## **Other Links**

- LeetCode :- <https://leetcode.com/u/RupaBhaskar/>
- Hacker rank :- <https://www.hackerrank.com/profile/rupapydi970>
- LinkedIn :- <https://www.linkedin.com/in/rupabhaskar-pydi-5rb>