

# AGATHAMOODI KOTESHWAR RAO

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## PROFILE

Master of Computer Applications graduate with strong knowledge of Java Full Stack Development and hands-on academic and project experience in building full-stack web applications. Proficient in Java, Spring Boot, Hibernate/JPA, and RESTful API development for backend systems, along with React, JavaScript, HTML, CSS, Tailwind CSS, and Bootstrap for creating responsive and interactive user interfaces. Skilled in MySQL database design, CRUD operations, and query optimization. Familiar with Git version control, Postman for API testing, and development tools such as VS Code, Eclipse, and STS. Strong understanding of OOP concepts, data structures, exception handling, and SDLC, with good problem-solving, adaptability, and teamwork skills.

## EDUCATION

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| <b>Masters of computer applications (CGPA: 7.50)</b><br><i>Auroras PG College, Uppal, Osmania University</i> | 2022/08 – 2024/11<br>Hyderabad, India |
| <b>B.Sc. MSCs (CGPA: 8.01)</b><br><i>Jagruti Degree and PG College, Osmania University</i>                   | 2019/07 – 2022/08<br>Hyderabad, India |

## SKILLS

|   |   |
|---|---|
| <b>Programming Languages</b><br>Java   JavaScript                         | <b>Backend</b><br>Spring Boot   Hibernate   JPA   REST APIs                         |
| <b>Frontend</b><br>React.js   HTML   CSS   Tailwind CSS   Bootstrap       | <b>Database</b><br>MySQL   PostgreSQL   |
| <b>Tools</b><br>VS Code   Eclipse   STS (Spring Tool Suite)   Postman     | <b>Version Control</b><br>Git   GitHub  |
| <b>Core Concepts</b><br>OOP   Data Structures   Exception Handling   SDLC | <b>Soft Skills</b><br>Critical Thinking   Adaptability   Multitasking   Team Player |

## PROJECTS

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|--|-------------------|
| <b>Food Express — Full Stack Food Ordering System</b><br><i>Java, Spring Boot, React, MySQL, REST APIs, JWT, TailwindCSS</i><br>Developed a full-stack food ordering web application to streamline menu browsing, secure ordering, and real-time order management.   | 2025/10 – 2026/02 |
| <b>Unveiling In-App Ads and Uncovering Covert Attacks via Mobile App-Web Interface</b><br><i>Java, Spring Boot, MySQL, REST APIs, HTML, CSS, JavaScript</i><br>Developed a framework to analyze app-web interfaces in Android apps to detect and prevent malware and scams from in-app ads.  | 2024/04 – 2024/08 |
| <b>QR Code-Based Attendance System for Events</b><br><i>Java, Spring Boot, MySQL, React.js, Bootstrap, REST APIs, GitHub, JWT</i><br>Developed an attendance system using QR codes for events organized by the <b>Computer Society of India (CSI)</b> . The system included modules for admins, coordinators, and students, streamlining event management and attendance tracking. | 2023/12 – 2024/04 |

## CERTIFICATES

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- Core Java Course – Youth For Seva
- Java Script For Beginners Complete Course – Udemy
- Introduction to SQL - Simple Learn
- Cyber Security Bootcamp: The Ultimate Beginner's Course

## INTERNSHIPS

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### Java internship

Slash Mark ☐

2023/11 – 2024/02

Hyderabad, India

- Completed tasks across all levels, analyzing over 50 code structures and key functions to ensure quality and performance.
- Executed tasks in Jupyter and VS Code, adhering to best practices and improving code efficiency by 30%.
- Tested and debugged code, resolving 90% of identified issues, and managed GitHub repositories with consistent and documented commits.

## AWARDS & PRIZES

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### Seva Saadhak Award

2024/05/05

Youth for Seva - Awarded for exemplary service in community volunteering.

### Elected as CSI Executive Council Members

2024/02/17

CSI Students Branch

### 2nd Prize in Code Breaker

2023/07/05

Anveshana Techno-Management Fest, Aurora's PG College, Ramanthapur.

### 1st Prize in Cryptographer

2023/07/25

Anukriti Techno-Management Fest, Aurora's PG College, Punjagutta.

## INTERESTS

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- Badminton
- Kabaddi

## ORGANIZATIONS

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### Youth for Seva ☐

Zonal Co-ordinator

2018/11 – present

Hyderabad, India

- Led volunteers in initiating activities and conducting events in Hyderabad.
- Trained students and coordinated volunteers for the CHIGURU program.
- Assisted in fundraising through a virtual marathon and organized a plantation drive.
- Helped teach and conduct games at Abyasikas free tuition centers.