AMULYA R

Chikkalasandra, Bangalore | +91-9113227127 | amulyajamadagni@gmail.com
LinkedIn: http://www.linkedin.com/in/amulya-r-4612931b9 |
GitHub: github.com/Amulya-Raghunath | Portfolio: amulya-raghunath.github.io/portfolio/

SUMMARY

Java Developer skilled in Spring Boot, RESTful APIs, and MySQL, experienced in building secure, scalable backend systems. Proficient in OOP, MVC architecture, Spring Security, and deploying containerized applications with Docker on AWS EC2. Passionate about designing high-performance APIs and production-ready backend solutions.

SKILLS

Java, Spring Boot, Spring Security, REST APIs, MVC Architecture, MySQL, PostgreSQL, Maven, Git, Docker, AWS EC2, Linux, Logging, Exception Handling, Thymeleaf, HTML, CSS, JavaScript

WORK EXPERIENCE

Independent Researcher & Project Developer — Spring Boot | Backend | Power BI
Oct 2023 – Present

- Built REST APIs using Spring Boot, Spring Data JPA, and MySQL, reducing response times by 30%.
- Implemented authentication & **role-based access control** with Spring Security.
- Containerized applications using Docker and deployed on AWS EC2.
- Designed optimized relational schemas, improving backend performance and query efficiency.

Intern — Goodix Technology India Pvt Ltd
Dec 2022 – Sep 2023

- Improved backend data processing efficiency by 35%.
- Automated reporting pipelines, reducing manual effort by 60%.

PROJECTS

Library Management System — Spring Boot, Spring Security, Thymeleaf, MySQL

- Developed multi-role dashboard (Admin/User) with secure authentication & access control.
- Managed Books, Authors, Categories, Borrowing Records; optimized queries improving performance by 40%.

Book Management System — Spring Boot, Thymeleaf, MySQL

- Built CRUD-based Book Management Web App using MVC architecture.
- Designed service-oriented backend with responsive Thymeleaf UI.

Supporting Projects (Brief):

- **Fashion Retail BI Dashboard (Power BI):** Analysed 120k+ retail transactions; optimized ETL & KPIs.
- **Malware Detection System (Python, ML):** Automated scoring pipeline for 7 ML models.
- **Face Recognition Attendance (OpenCV):** Live detection with automated logging (80% accuracy).

EDUCATION
M.Tech — BMS College of Engineering | CGPA: 9.7
B.E — Jyothy Institute of Technology | GPA: 8.89

CERTIFICATIONS
Power BI Certification — Great Learning
Spring Boot & Java REST API Development — Udemy
• Implemented REST APIs, implemented authentication & authorization, and managed data persistence with MySQL.

ACHIEVEMENTS

Branch Topper — Information Science Engineering;
Published 2 ML research papers (IJSDR, IJERT)

PUBLICATIONS

IJSDR 2023 — Malware Detection using Machine Learning
IJERT 2021 — Online Attendance System using ML