BALAJI MATTA

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PROFESSIONAL SUMMARY

Entry-level software developer with hands-on experience in building RESTful applications, integrating external APIs, and deploying services on AWS. Skilled in Spring Boot, secure authentication, relational databases, and CI/CD workflows, with a strong focus on delivering clean, maintainable, and production-ready solutions.

EDUCATION

Master of Computer Applications (MCA)　　　　　　　　　　　　　　　　　2022 – 2024
DVR & Dr. HS MIC College of Technology, Kanchikacherla　　　　　　　　　*CGPA: 7.85/10*

BSc – Computer Science　　　　　　　　　　　　　　　　　　　　　　　　2019 – 2022
AVR Degree College (Krishna University), Avanigadda　　　　　　　　　　　*CGPA: 7.04/10*

TECHNICAL SKILLS

Programming Languages: Java, C, SQL
Backend Technologies: Spring Boot, Spring Security, Spring MVC, REST APIs, JPA/Hibernate, JWT
Web Technologies: HTML, CSS, Server-Side Rendering
Databases: MySQL, Relational Database Design
Cloud & DevOps: AWS (Elastic Beanstalk, EC2, RDS, IAM, S3), Docker, GitHub Actions
Tools & Platforms: Git, GitHub, Maven, IntelliJ IDEA, Postman

PROJECTS

SpendBuddy | *Spring Boot, JWT, MySQL, Docker, AWS (Elastic Beanstalk, RDS)*
- Developed RESTful API for expense tracking with budget management, category organization, and multi-user support using layered service-repository architecture
- Integrated JWT-based authentication with validation and centralized exception handling for secure user operations
- Deployed the backend on AWS Elastic Beanstalk with GitHub Actions CI/CD for streamlined updates

NASA-APOD | *NASA APOD API, REST APIs, HTML/CSS/JS, Caching*
- Built full-stack application for exploring NASA's daily and historical astronomy pictures with today, specific-date, and date-range filtering capabilities
- Integrated NASA APOD API using layered architecture with externalized API keys and REST endpoints
- Implemented in-memory caching & global exception handling to reduce API calls by 60% & optimize response time

HireLog | *Spring Web MVC, JPA, MySQL*
- Built Full-stack job application management system using Spring MVC with server-side rendering for job postings
- Implemented MVC architecture with form handling, data validation, and CRUD operations for job listings
- Designed relational database schema and integrated JPA entities for seamless ORM mapping & data persistence

INTERNSHIP EXPERIENCE

Virtual Internship – AWS Cloud & AI/ML
EduSkills & APSCHE
- Gained hands-on exposure to AI/ML fundamentals along with practical experience on AWS Academy modules covering EC2, S3 and basic cloud deployment workflows.
- Completed structured labs on cloud computing basics, IAM and security configurations, and standard deployment practices while understanding how ML models are built and executed in cloud environments.

CERTIFICATIONS

Oracle Cloud Infrastructure 2025 Foundations Associate: Oracle University
Master Java Spring Development: Telusko Edutech
Oracle Java Foundations badge: Oracle University (Oct 2025)
Attained 5-star badges in Java and SQL: HackerRank