

UMA MAHESWARA REDDY MARTHALA

Java Developer/Test Engineer

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SUMMARY

Skilled in full stack web development with expertise in Java, Spring MVC, and My SQL. Passionate about building web applications, working on Databases and solving problems in a team environment.

SKILLS

- **Programming:** Java, JDBC
- **Frameworks:** Spring MVC
- **Web Development:** HTML, CSS
- **Databases:** Mysql
- **Testing:** Functional Testing, JUnit
- **Cloud:** AWS (IAM, S3, EC2, VPC)
- **Tools:** Eclipse, Mysql Workbench, Maven, Spring Tool Suite
- **SDLC:** Agile, Waterfall

PROJECT EXPERIENCE

Library Management System

- Built a system for users to borrow books with automatic updates to availability in the database.
- Used JDBC for real-time database updates and ensured borrowed books are tracked to prevent double lending.

Music Application | Java Full-Stack Project from February 2024 – Present

- Developed a Spring MVC-based music application, improving accuracy by 30%.
- Optimized MySQL database queries, reducing execution time by 70%.
- Achieved 70% code coverage through JUnit testing.

Luma E-Commerce Website | Functional Testing from July 2023

- Performed manual testing and identified bugs, documenting them in JIRA for resolution.
- Executed functional tests to ensure software quality.

AWS Cloud Hosting Project from August 2023

- Hosted a static website using AWS services (EC2, S3, IAM), ensuring security with VPC configuration.
- Implemented authentication and authorization using IAM for controlled access.

TRAINING & CERTIFICATIONS

Java Full-Stack Developer Training | KodNest, Bangalore | June 2023 – Feb 2024

- Gained hands-on experience in Java, Spring MVC, MySQL, and cloud technologies.

Certifications

- AWS Cloud Foundation

EDUCATION

- **Bachelor of Technology | Electronics and Communication Engineering** | 2019 - 2023
 - Rajeev Gandhi Memorial College of Engineering and Technology
- **Board of Intermediate Education** | 2017 - 2019
 - Narayana Junior College
- **Board of Secondary Education** | 2016 – 2017
 - Santiniketan High School

DECLARATION

I hereby declare that the details provided above are true to the best of my knowledge and belief.