

Meghana Mareedu

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SUMMARY

- 2.5+ years of professional experience in Java Full Stack Development with expertise in designing and developing enterprise applications.
- Experienced in Java, Spring Boot, Spring MVC, Hibernate, JDBC, JPA, and microservices architecture for backend development.
- Skilled in Angular, HTML5, CSS3, JavaScript, Bootstrap, and RESTful APIs for building responsive web interfaces and dashboards.
- Proficient in PostgreSQL, MySQL, and PL/SQL, with strong experience in writing queries, stored procedures, triggers, and performance tuning.
- Hands-on experience with AWS services (EC2, S3, RDS, DynamoDB), Docker, and Jenkins for cloud deployment and CI/CD automation.
- Experienced in Agile/Scrum methodologies, collaborating with cross-functional teams in sprint planning, code reviews, and backlog refinement.
- Additional expertise in Pega for case management, workflow automation, and decisioning solutions.

TECHNICAL SKILLS

- **Languages:** Java, JavaScript, SQL, HTML5, CSS3
- **Frameworks:** Spring Boot, Hibernate/JPA, Angular
- **Databases:** MySQL, PostgreSQL
- **Web Services:** RESTful APIs, JSON.
- **Cloud and DevOps:** AWS (EC2, S3), Docker, Jenkins, Maven, Git, CI/CD pipelines
- **Testing Tools:** JUnit, Mockito, Postman
- **Methodologies:** Agile/Scrum, SDLC, Microservices Architecture
- **Additional Knowledge:** Pega BPM (CSA, CSSA, CDH)

PROFESSIONAL EXPERIENCE

Fannie Mae – Plano, TX

July 2025 - Present

Software Engineer – Java Full Stack

Project: Loan & Mortgage Management System

Aim: To streamline loan applications, approvals, and compliance reporting for mortgage servicing teams.

- Develop and enhance REST APIs using Spring Boot to support loan application, approval, and transaction workflows.
- Build Angular dashboards for underwriters and compliance officers to track loan status and generate regulatory reports.
- Design and optimize PostgreSQL queries and stored procedures to process high-volume financial data securely and efficiently.
- Implement microservices architecture with Spring Boot, Docker, and AWS to ensure scalability and fault tolerance.
- Automate CI/CD pipelines using Jenkins and deploy applications on AWS EC2/S3, improving deployment speed and reliability.
- Collaborate in Agile/Scrum teams, contributing to sprint planning, daily standups, code reviews, and backlog refinement.
- Write and execute unit and integration tests with JUnit, Mockito, and Postman to maintain software quality and compliance accuracy.

Environment: Java, Spring Boot, Angular, PostgreSQL, REST APIs, Docker, Jenkins, AWS EC2/S3, JUnit, Mockito, Postman, Agile

Eli Lilly – Indianapolis, IN

February 2025 – May 2025

Software Developer Intern – Java Full Stack

- Contributed to the development of enterprise web applications using Java Spring Boot and RESTful APIs, enhancing backend performance and reliability.

- Engineered SQL queries and procedures in PostgreSQL to support reporting and analytics workflows.
- Developed and refined Angular components for interactive dashboards, improving UI responsiveness and user adoption.
- Collaborated in an Agile environment, delivering features in sprints, participating in code reviews, and refining requirements with stakeholders.
- Implemented unit and integration testing with JUnit, Mockito, and Postman, ensuring code quality and reducing defects.

Environment: Java, Spring Boot, Angular, PostgreSQL, REST APIs, JUnit, Mockito, Postman, Agile

Virtusa Consulting Services Pvt. Ltd. – India

May 2022 – July 2023

Associate Software Engineer – Java Full Stack Developer

- Developed and deployed enterprise applications using Java, Spring Boot, Angular, and REST APIs, improving application performance by 25%.
- Designed and implemented microservices architecture to enhance scalability and modularization of business functions.
- Optimized data persistence with Hibernate/JPA and wrote efficient SQL queries for MySQL and PostgreSQL.
- Created and enhanced responsive front-end features with Angular, JavaScript, HTML5, and CSS3.
- Deployed applications on AWS EC2 and S3 using Docker and Jenkins pipelines, reducing release cycle time.
- Implemented automated testing frameworks with JUnit, Mockito, and Postman, achieving a 95
- Collaborated in Agile/Scrum teams, contributing to sprint planning, backlog refinement, and peer code reviews.
- Delivered a Hospitality Management System project, developing booking workflows, REST APIs, and database integration with Spring Boot and Angular.
- Worked with Pega BPM modules to implement workflow automation and decisioning, complementing Java-based development.

Environment: Java, Spring Boot, Angular, Hibernate/JPA, REST APIs, MySQL, PostgreSQL, AWS EC2/S3, Docker, Jenkins, JUnit, Mockito, Postman, Agile, Pega BPM

Virtusa Consulting Services Pvt. Ltd. – India

August 2021 – April 2022

Intern – Java Developer Intern

- Developed and maintained backend services using Java, Spring Boot, and Hibernate/JPA, ensuring efficient database interactions with MySQL.
- Built and tested RESTful APIs for ride creation, booking, and authentication, enabling secure communication between client and server.
- Developed responsive Angular components with HTML5, CSS3, and JavaScript, improving user experience.
- Designed and optimized MySQL database schema, writing queries and stored procedures for ride-sharing workflows.
- Implemented unit and integration test cases with JUnit, Mockito, and Postman, improving release quality.
- Collaborated in Agile/Scrum teams, participating in sprint planning, stand-ups, and code reviews.
- Delivered a Carpooling Application project, integrating APIs, Angular UI modules, and schema design for seamless ride booking.

Environment: Java, Spring Boot, Angular, Hibernate/JPA, REST APIs, MySQL, HTML5, CSS3, JavaScript, JUnit, Mockito, Postman, Agile

CERTIFICATIONS

- Oracle Certified Java Programmer
- AWS Certified Developer - Associate
- Oracle SQL Certification
- PEGA(CSA, CSSA, CDH)

Education

Lewis University, MS in Computer Science

August 2023 – May 2025

KL University, Bachelors in Computer Science

June 2018 – April 2022