



MAHIDHAR DURGA

SENIOR JAVA DEVELOPER

CONTACT



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EDUCATION

B.Tech in Mechanical Engineering

Lovely Professional University
2017 - 2020

SKILLS

- Java
- Spring
- Spring MVC
- Spring Boot
- Spring Batch
- Spring Data JPA
- Generative AI
- AI Agent
- RAG
- AI Work flows
- Prompt/Context Engineering
- MyBatis
- Spring Cloud
- Maven/Gradle
- REST/gRPC
- Docker
- GIT
- Terraform
- AWS Services
- DevOps
- Shell scripting
- Python

PROFESSIONAL OVERVIEW

I am an experienced Senior Application Development professional specializing in Java, microservices architecture, cloud solutions, DevOps, and AI-driven automation. With a strong background in AWS, application modernization, and automation, I design and implement scalable, efficient, and reliable solutions. I have developed Java-based frameworks, migration utilities, performance and validation tools, AI-powered developer workflows, and RAG-based solutions using client data. I adhere to industry best practices, ensuring clean, maintainable code and optimal system performance. Additionally, I lead and mentor team members, conduct code reviews, and foster a culture of continuous learning and collaboration. With a strong problem-solving approach and focus on innovation, I aim to deliver high-quality solutions that improve productivity, align with business objectives, and drive project success.

WORK EXPERIENCE

Senior Consultant/Assistant Manager

Deloitte USI, Bangalore

09/2025 - Present

- Participate in "3 in a box" calls to gather and clarify requirements, provide effort estimations, and coordinate with on-shore teams for System Change Requests (SCRs).
- Prepare detailed Technical Design Documents (TDDs), communicate requirements, and develop solutions aligned with business and technical requirements.
- Designed and developed a new Java-based Rules Framework to replace the IBM ODM Rules Engine, enabling migration of existing business rules to a Java-based architecture.
- Developed an automated utility to convert TRL rule files into Java rule files, reducing manual effort and accelerating the rules migration process.
- Built multiple utilities to measure and compare SLA, performance, database timing, rule execution timing, object-level and rule-level results between IBM ODM and the Java Rules Framework.
- Developed AI-powered automation workflows that analyze Java compilation errors, automatically modify code to resolve issues, recompile, and iteratively repeat the process until successful compilation.
- Developed RAG-based AI solutions using client data to enable context-aware information retrieval and AI-assisted workflows.
- Led a team of 6 members, managing task allocation and delivery, providing technical guidance, conducting code reviews, and supporting their technical and professional growth.
- Review and approve pull requests, unit tests, and assembly test scripts while providing technical assistance and ensuring development quality.
- Conduct unit and assembly testing, troubleshoot and resolve defects, and lead automation initiatives focused on improving developer productivity, engineering efficiency, and team proficiency.

- ASCIIDOC
- PlantUML
- Spock/Junit
- Mysql/Postgres/IBM DB2
- Open API Specification

CERTIFICATION

AWS Certified Developer – Associate
(04/2023 - 04/2026)

AWS Certified Solution Architect - Associate

(12/2023 - 12/2026)

Terraform Hashicorp Certified
(03/2024 - 03/2026)

LANGUAGES

- English
- Telugu
- Hindi

INTERESTS

- Technology
- Sports

Custom Software Engineering Sr Analyst

Accenture, Bangalore

04/2024 - 08/2024

- Creating Basic Design and Detail Design before developing an API.
- Developing gRPC APIs that interact with blockchains like Polygon, Arbitrum Ethereum, etc.
- Write unit tests (UT) ensuring 80% code coverage.
- Creating ITa and ITb test cases followed by ITa and ITb execution in local, test, and development environments
- Deploying applications using Jenkins pipelines.
- Writing Cucumber scripts for integration testing.
- Support and mentor junior team members

Application Development Analyst

Accenture, Bangalore

01/2022 - 04/2024

- Splitting a monolithic web application into Multiple microservices for improved scalability and maintainability and develop new API's
- Containerizing microservices applications and deploying them in the cloud.
- Transforming a Batch Application into Multiple separate applications, containerizing them, and deploying them in the cloud.
- Assisting in the migration of the database from IBM DB2 to AWS Aurora Postgres by remediating SQL queries in the application (using MyBatis framework).
- Reviewing code and approving pull requests (PRs) for code quality,
- Mentoring and supporting other team members when they encounter challenges.
- Develop scripts to automate application deployment processes.
- Assist team members in refactoring shell scripts that incorporate AWS CLI commands for accessing AWS services.

Programmer Analyst

Cognizant, Bangalore

08/2020 – 01/2022

- Develop new features, debug, and maintain Spring Boot RESTful applications/services.
- Fix bugs and ensure the smooth operation of services.
- Participate in Jenkins CI/CD deployments to test environments.
- Use **Spring Tool Suite** for development.
- Utilize **Postman** for API testing and debugging.
- Manage CI/CD pipelines in **Jenkins** for feature branches and test environments.
- Assist teammates in resolving impediments in their Agile stories.

Internship

Cognizant, Bangalore

01/2020 – 05/2020

- Learn to develop and maintain web applications using **Java, Spring Boot, and MySQL**.
- Gain hands-on experience in designing responsive user interfaces with **HTML, CSS, and JavaScript**.
- Understand and assist in integrating **RESTful APIs** between front-end and back-end systems.
- Develop skills in **debugging** and **optimizing** web application performance.
- Collaborate with the team to learn and apply **industry best practices** in coding, testing, and version control.