

# Gargeya Akhilram Durgempudi

[durgempudiakhilramgargeya@gmail.com](mailto:durgempudiakhilramgargeya@gmail.com) | +1 (346) 626-9449 | Houston, TX | [LinkedIn](#) | [GitHub](#)

## PROFESSIONAL SUMMARY

Full Stack Developer with 3+ years of experience in designing, developing, and deploying scalable web applications and enterprise solutions. Proficient in Java, Spring Boot, Hibernate, Microservices, and RESTful APIs, with expertise in frontend technologies like React, Angular, JavaScript, and Redux. Skilled in cloud platforms (AWS, Azure), containerization (Docker, Kubernetes), CI/CD (Jenkins, GitLab), and database management (MySQL, PostgreSQL, MongoDB). Strong background in Agile methodologies, test-driven development (JUnit, Mockito), and DevOps practices.

## TECHNICAL SKILLS

**Front-end Technologies:** HTML5, CSS3, JavaScript, ES6+, Typescript, React.js, Redux, Angular, jQuery, AJAX

**Database Technologies:** MySQL, MongoDB, PostgreSQL, NoSQL, Oracle, Firebase, Cassandra, SQL Server, Redis, Memcached, Apache Kafka, RabbitMQ, DynamoDB

**Back-end Technologies:** Java, Spring Boot, Spring Cloud, Microservices, Hibernate, JDBC, J2EE, Node.js, Express.js, Python, ASP.NET, Flask, MVC Framework, SOAP, RESTful APIs, Maven, Bash Script, WebSockets, API Gateways, Event-Driven

**Tools and Technologies:** Git, GitHub, Visual Studio Code, Docker, Jenkins, Kubernetes, CI/CD, Log4j, AWS (Amazon Web Services), Microsoft Azure, Prometheus, Grafana, Apache, Nginx, JUnit, Mockito, Jest, Cypress, Selenium, Swagger, Postman, GitLab CI/CD, Linux, OAuth2, JWT, SonarQube, TestNG

## PROFESSIONAL EXPERIENCE

### Full Stack Developer, Goldman Sachs

Aug 2024 – Present | Remote, USA

- Architected digital banking platform using Core Java, Spring Boot, and Microservices Architecture, enabling modular deployment of key functionalities such as account management, fund transfers, loan processing, and KYC verification.
- Implemented RESTful APIs using Spring MVC, facilitating communication and integration with third-party payment gateways and banking APIs; enhanced API visibility and collaboration using Swagger / OpenAPI specifications.
- Utilized Hibernate ORM with JPA and MySQL to manage complex data models, ensuring data integrity, ACID-compliant transactions, and optimized performance through custom queries and lazy/eager loading strategies.
- Enforced enterprise-grade security by integrating Spring Security with JWT-based authentication, OAuth2, and role-based access control (RBAC), ensuring compliance with PCI-DSS and other financial regulations.
- Enhanced system responsiveness by implementing asynchronous event-driven architecture using Apache Kafka, and refactored legacy using Java Streams, Lambdas, Functional Interfaces, and Multithreading for performance optimization.
- Orchestrated containerized deployments using Docker, and configured CI/CD pipelines using Jenkins, Maven, and Git, automating the build, test, and deployment lifecycle across development, QA, and UAT environments.

### Full Stack Developer, Capgemini

Sep 2021 – Jul 2023 | Hyderabad, India

- Engineered a secure and scalable financial transaction platform leveraging Java, Spring Boot, and Spring MVC, enabling real-time account management, transaction processing, and seamless fund transfers through RESTful APIs.
- Implemented Spring Security with JWT and role-based access control for regulatory compliance, using Core Java and Hibernate/JPA with MySQL on AWS RDS to ensure ACID compliance and optimize data access.
- Developed and maintained CI/CD pipelines using Jenkins, Docker, and Git, deploying microservices to AWS EC2/S3, reducing deployment cycles by 40% and ensuring streamlined release processes.
- Conducted unit and integration testing using JUnit, Mockito, and Postman, achieving over 95% code coverage and increasing application reliability in production environments.
- Designed and deployed AWS microservices with API Gateway, Lambda, and CloudWatch for scalable, monitored financial APIs; integrated Redis caching to cut response time by 30% and reduce database load.
- Upgraded the front-end dashboard using React.js, Redux, and Bootstrap, improving UI responsiveness and enabling interactive data visualization, resulting in a 25% increase in user engagement.
- Monitored application health and infrastructure using Splunk and AWS CloudWatch, proactively resolving performance bottlenecks and increasing system uptime and availability in a high-volume transactional environment.
- Collaborated in an Agile development environment using Jira for sprint planning and user story tracking, and implemented Swagger for API documentation, enhancing cross-team communication and reducing onboarding time for new developers by 30%.

## EDUCATION

**Master of Science, University of Houston-Clear Lake**  
Computer Science

Aug 2023 - May 2025 | Houston, USA

**Bachelor of Technology, Koneru Lakshmaiah University**  
Computer Science

Aug 2019 - Apr 2023 | Vijayawada, India

## CERTIFICATION

• DevOps Engineer Expert Az-400

• Microsoft Developer Associate AZ-104