MUKUNDA KRISHNA RAMISETTI

Dallas, Texas | **in** LinkedIn | 📱 469-348-6872 | ✉ mukundakrishnaramisetti04@gmail.com | ○ GitHub

Summary

A versatile Full Stack Developer with over 2+ years of expertise in Java, Spring Boot, Microservices and AWS cloud services. Proven experience in designing and developing secure APIs, building efficient CI/CD pipelines, and maintaining highly scalable and robust systems. Passionate about solving complex challenges and eager to deliver innovative solutions in dynamic roles.

Professional Experience

Full Stack Java Developer| Tek Leaders, Plano, TX   Jan 2024 - June 2024
- Engineered Cycle Counting functionality using Java 11, Oracle as database and Apache Kafka leading to a 10% increase in productivity.
- Integrated the Transport Management System (TMS) with WMOS using REST APIs and React, downscaling operating expenses by 30%.
- Led cross-functional teams to deliver 3+ client solutions, reducing project timelines by 15%.

Software Engineer | LTIMindtree, Hyderabad, India   Jun 2021 - Jan 2023
- Designed, developed, and deployed the Airline Vacations App with Loyalty Points App using Java, Spring Boot, RESTful APIs ensuring secure transactions and achieving a 40% efficiency improvement in airline loyalty program operations.
- Built real-time dashboards with AngularJS, TypeScript to display loyalty points, bookings, luggage, passenger details, and operational metrics, enabling airline staff to track and manage customer rewards efficiently while improving decision-making and operational visibility.
- Built and optimized RESTful APIs and microservices using Spring MVC, Spring Boot, and JPA, implementing data validation, request authentication, and logging mechanisms for high-availability applications.
- Conducted unit testing with Junit/Postman, achieving 100% test coverage to enhance system reliability and reduce production issues.
- Integrated OAuth2, JWT for authentication and authorization, ensuring compliance with industry standards for secure access control.
- Managed databases and writing SQL queries with Hibernate, JPA for PostgreSQL; used JIRA, Atlassian Confluence for project management.
- Implemented DevOps practices using GitHub, Jenkins; utilized Docker, Kubernetes, Groovy, Shell Scripting, AWS for scalable deployments.
- Participant of Agile (Scrum, TDD), CI/CD, and automation testing, conducting code reviews and promoting collaboration.

Personal and Academic Projects

Automated Testing of E-Commerce Platforms – Mindtree Orchard Learning
- Designed and implemented automated test suites (Unit, Integration, Functional) for popular e-commerce websites, including Amazon.com, UrbanLadder.com, and Lenskart.com, ensuring high-quality user experiences.
- Utilized Hybrid, Cucumber, and Serenity BDD frameworks with Selenium and TestNG and have done the regression testing.
- Automated 25+ test cases for each platform, covering critical functions (login, search, cart, transactions), reducing manual testing efforts by 40%.

Fresh Food System Database
- Developed an optimized Java backend, leveraging big data technologies, complex SQL, ER modeling, and data visualization to streamline product design and decision-making.

Sales Dashboard for E-commerce
- Collected sales data from databases (SQL, NoSQL), Clean and preprocess the data for visualization and performed exploratory data analysis (EDA), Identified key trends and insights. Build interactive dashboards using Tableau, D3.js, or Python (Matplotlib, Seaborn, D3.js, Plotly).

Technical Skills

Programming Languages: Java, J2EE, Python, C/C++, SQL, C#
Web Technologies: HTML5, CSS, JavaScript, TypeScript, Angular, ReactJS, JSON, XML, XSLT, xPath, REST API, Web Services, NodeJS, Next.js, Tailwind, OData, REST, SOAP, FTP/SFTP, JDBC, CSV, PGP, x509, SOA
Frameworks: Junit, Maven, jQuery, Ajax, Spring Boot, Spring, Selenium, Hibernate, Linux, Unix, GraphQL, JSP
Tools/IDE and databases: Oracle, MYSQL, PL/SQL, PostgreSQL, NoSQL, MongoDB, Eclipse, IntelliJ, SQL Server, Oracle, Visual Studio, Anaconda, JIRA, Postman, WebRTC, JBoss App server, Tomcat server, Cassandra, Elastic Search, Terraform, Machine Learning
Cloud & DevOps: AWS (AWS Lambda, SQS, ECS/EC2, Dynamo DB, Gateway, RDS, CDK), Docker, Kubernetes, Jenkins, Selenium, Hibernate, Linux, Unix, Android, Kafka, Hadoop, MacOS, Linux, Windows, Git/GitLab, GitHub Actions, Bit Bucket, Source Tree, Software Development Life Cycle (SDLC), Continuous Integration, Azure DevOps, Waterfall
Domains: Software Engineering, Data Structures, Algorithms, Agile Methodology, Object-oriented design, Web Application Development, Design Patterns, A/B tests, Full Stack Development, Authorization, DevOps, cloud technologies, UI Design, UAT, natural language processing

Education

Master of Science, Artificial Intelligence – University of North Texas, Denton, Texas   Jan 2023 - Dec 2024
Relevant Coursework: Data Visualization, GEN AI, AI/ML, NLP, LLMs, Design and Analysis of Algorithms, Database Systems
Bachelor of Engineering, Computer Science and Engineering – SCSCMV university, Kanchipuram, India   Aug 2017 - May 2021
Relevant Coursework: Advanced Data Structures, Software Engineering, Operating Systems and Cloud Computing, Mobile Development

Certifications & Accomplishments

- **JPMorgan Chase & Co**. - Agile Job Simulation View - **Hacker Rank** - Python View
- Received **SPOT-ON, TEAM-A AWARD** at Mindtree for outstanding coordination, planning, and execution of projects View