

MANI DURGA KANAPARTHI

+1 9134564774 | manidurga4999@gmail.com | www.linkedin.com/in/manidurga-kanaparthi

Professional Summary

Full-Stack Developer with 5+ years of experience in finance, e-commerce, and manufacturing. Expertise in React, JavaScript/TypeScript, and building robust microservices ensures seamless user and backend experiences. Proven ability to design RESTful APIs, optimize data pipelines, and facilitate CI/CD automation with Docker and AWS. Driven to enhance system reliability and streamline payment processing through data-driven improvements and rapid iteration.

Education

University of Central Missouri, MO, Master's, Computer Science

GPA: 3.9/4.0

CMR Institute of Technology, Bachelor's, Hyderabad, India

GPA: 3.7/4.0

Professional Experience

Ally Bank

Jan 2025 - Present

Java Developer, Remote

- Architected Java-based microservices for transaction processing and customer onboarding, leveraging Spring Boot, Hibernate ORM, complex SQL/JDBC queries, and JWT authentication to ensure secure, reliable data workflows.
- Built responsive ReactJS 17 UIs with HTML5, CSS3, and JavaScript, integrating RESTful APIs to deliver seamless user experiences and maintain consistency across desktop and mobile.
- Automated quality assurance with comprehensive JUnit unit and integration tests and structured Agile SCRUM practices (daily stand-ups, sprint reviews, code reviews) to drive rapid iteration and maintain 99.9% system uptime.
- Streamlined DevOps pipelines by implementing Jenkins, Git, and Docker for continuous integration, testing, and deployment, enhancing release velocity and reducing manual errors.
- Implemented a centralized monitoring solution using Prometheus for metrics collection, Grafana for dashboard visualization, and AWS CloudWatch for log aggregation and alerting enabling proactive system health checks and reducing mean time to detection by 35%.

University of Central Missouri

Aug 2023 - Jan 2025

Full Stack Java Developer, Warrensburg, Mo

- Architected full-stack solution with React Js, Redux, react native (Reactive Forms, Material UI) front-end and Spring Boot 3.x RESTful APIs to simulate core banking workflows and robust payment processing.
- Secured the platform using Spring Security with JWT-based RBAC, enforcing multi-role access controls and meeting enterprise compliance requirements.
- Built real-time dashboards with Angular pipes/directives and Chart.js, leveraging for coordinated asynchronous data streams to enhance monitoring and actionable insights.
- Documented and validated APIs via Swagger/OpenAPI, Postman, JUnit, and Mockito, establishing comprehensive unit and integration tests for high reliability and maintainability.

Keysight Technologies

Jun 2021 - Jun 2023

Full Stack Java Developer, Hyderabad, Telangana

- Architected and developed full-stack modules using Angular + TypeScript (with Material UI, route guards, lazy loading, feature modules, and Reactive Forms) alongside Spring Boot + Java back-ends to deliver scalable, reusable enterprise functionality.
- Designed and implemented RESTful APIs in Spring Boot, leveraging Hibernate ORM, JPA repositories (with custom queries & pagination), and Swagger/OpenAPI documentation to streamline front-end integration and business workflows (user management, approvals, dynamic content).
- Secured the platform with Spring Security and JWT-based RBAC, developed file upload/download and Excel import/export modules, and built email notification services using Spring Mail to meet compliance and user-experience requirements.
- Delivered high-quality releases via Jenkins CI/CD pipelines and Docker containerization; achieved 80%+ unit/integration test coverage with JUnit, Mockito, and Postman to ensure stability across dev, QA, and production environments.

Plus 20 Enterprises*Web Developer***Jun 2020 - Jun 2021***Hyderabad, Telangana*

- Built responsive, component-based applications with Angular & TypeScript, leveraging routing, lazy loading, and feature modules to reduce initial bundle size by 30% and boost UI performance across desktop & mobile.
- Engineered dynamic forms using Reactive and Template-driven Forms (with FormArray/nested FormGroup), custom validators, and real-time validation to streamline complex data entry workflows.
- Integrated RESTful APIs via Angular HTTP Client, applying RxJS operators for real-time data streams and robust error-retry strategies; achieved 80%+ unit-test coverage on services & components using Jasmine & Karma.
- Collaborated in Agile Scrum (JIRA, Confluence) and Git-based workflows, conducting peer code reviews, CI/CD builds with Angular CLI, and environment-specific deployments to ensure consistent quality across dev/QA/prod.

NPTEL Swayam*Java Programmer***Jul 2019 - Oct 2019**

- Completed IIT Madras-mentored Java training, mastering OOP principles (inheritance, polymorphism, abstraction, encapsulation) through hands-on labs and graded assignments.
- Developed console applications (Banking System, Student Record Manager) using Java Collections (List, Set, Map, Stack, Queue), JDBC/MySQL for CRUD operations, and Java I/O utilities for robust input-output handling.
- Implemented multithreading & synchronization to simulate parallel tasks and applied the DAO pattern for clean separation of concerns and modular, testable code.
- Secured certification with distinction, writing unit-testable code and leveraging design principles (interfaces, exception handling) throughout all mini-projects.

Hyderabad, Telangana

Technical Skills

C, C#, Java, Javascript, Angular, React Js, Redux, Spring Boot, Microservices, Aws, Azure, GCP, CI/CD, Docker, Kubernetes, Jenkins, Terraform, Software Development Life Cycle (SDLC),

Certifications

- Carrier Essential in Software Development by Microsoft
- Carrier Essential in GitHub Professional Certificate
- Certified Front-End Developer by Meta
- Aws Cloud Practitioner