

ManognaCheekoti

Email: cheekotimanogna09@gmail.com

Ph#:8134358949

Full Stack Developer



Professional Summary:

- > Full Stack Developer with around 4+ years of experience in development and implementation of large - scale, Object-Oriented, high-performance Web-based Client-Server applications by using Java / J2EE Technologies.
- > Proficient in Spring ecosystem, including Spring Boot, Spring MVC, Spring Security, Spring Batch, Spring AOP, Spring Data (JDBC/ORM), and Dependency Injection (IOC) for building modular, scalable, and secure enterprise applications.
- > Extensive experience with Hibernate and JPA for Object Relational Mapping (ORM), using HQL for complex database queries and mapping Java classes to relational databases.
- > Strong expertise in Java 17/11/8, leveraging modern features like Streams API, Lambda expressions, Functional Interfaces, Optionals, and parallel processing to write clean and performant code.
- > Skilled in building RESTful and SOAP web services using Microservices architecture, with deployments in Node.js and integration of XML, XSLT, XPath, XQuery for data transformation.
- > Proficient in frontend technologies including HTML5, CSS3, JavaScript, Bootstrap, jQuery, ReactJS, AngularJS, AJAX, and frameworks like AngularJS and Node.js for building dynamic and responsive UI components.
- > Hands-on experience in AWS services such as EC2, S3, RDS, SQS, and Lambda for cloud-native development, with a focus on high availability and scalability.
- > Experience with Docker ecosystem including Docker Engine, Compose, Machine, Registry, and Hub for containerization, CI/CD pipelines, and application packaging.
- > Worked on major application servers like Oracle WebLogic, Apache Tomcat, JBoss EAP, and IBM WebSphere, along with build tools like Ant, Maven, and Jenkins for automated deployment.
- > Proficient in database systems such as MongoDB, Oracle, SQL Server, MySQL, and DB2, and skilled in writing SQL queries, PL/SQL procedures, triggers, and database schema design.
- > **Developed scalable front-end features with Advanced JavaScript and Redux**, contributing to a seamless user experience and improving application performance by 30%.
- > Strong foundation in Core Java concepts such as OOP, Collections, Exception Handling, Multithreading, Generics, Annotations, and GUI development with Swing.
- > Designed and developed distributed systems on AWS, leveraging services like EC2, S3, RDS, and Lambda to build scalable, cloud-native solutions tailored to high-demand environments.
- > Experienced in Agile/Scrum methodologies, using UML, OOAD, Rational Rose, participating in sprint ceremonies, collaborating across teams, and known for strong leadership, analytical, and communication skills

Languages	Java 17/11/8, PL/SQL
Java/J2EE Technologies	Java, JDBC, JNDI, JMS, JSTL, Java Beans, RMI, Java Multithreading, Generics and Collections, EJB, Tiles
Web Technologies	HTML5, CSS3, JavaScript, Angular 14/12/10, Angular.js, Node.js
Cloud Technologies	AWS, GCP
Methodologies	Agile, Waterfall
Frameworks	Spring, Spring Boot, Hibernate, MVC
Design & GUI Tools	Eclipse, NetBeans, RAD
App servers	IBM WebSphere, Apache Tomcat, BEA Web Logic, JBoss
Databases/Tools	Oracle, SQL Server, My-SQL, PL/SQL Developer
Design/Version Control	GitHub, GIT
Operating Systems	Windows, Linux, UNIX

Technical Skills:

Client:GOLDMAN SACHS,Dallas,TX

Duration:March 2025-Present

Role:Full Stack Developer

Responsibilities:

- Developed and maintained full-stack Java-based applications using Spring Boot, delivering secure and scalable REST APIs to support core banking operations within a cloud-native architecture on AWS (EC2, Lambda, S3).
- Engineered backend services focused on resiliency, scalability, and performance, incorporating distributed tracing with AWS X-Ray and observability with Datadog, improving issue resolution time by 30%.
- Designed and implemented authentication and authorization mechanisms using Spring Security and OAuth2, ensuring robust security compliance with internal and industry standards.
- Participated in system design consultations, collaborated closely with product managers and cross-functional teams, and led architectural decisions to modernize legacy services into microservices-based solutions.
- Leveraged Terraform to provision and manage infrastructure as code, enabling reproducible cloud deployments and reducing environment setup time by 40%.
- Optimized data storage by architecting solutions using PostgreSQL for relational data and MongoDB/DynamoDB for high-throughput NoSQL use cases, achieving up to 25% performance gains in read-heavy services.
- Developed runbooks and documentation for CI/CD pipelines, API usage, and infrastructure practices, contributing to improved onboarding and knowledge transfer across the engineering team.
- Applied deep knowledge of data structures, algorithms, and system design to solve high-throughput transactional challenges within a distributed system.
- Managed concurrent priorities in a fast-paced agile environment, regularly delivering production-ready features within two-week sprint cycles, with strong ownership from development through deployment.
- Conducted performance testing and code reviews, and contributed to engineering best practices to improve code quality, maintainability, and team productivity.
- Applied **analytical thinking and creative problem-solving** to design **commercially viable software solutions**, balancing technical innovation with business impact to drive product value and user engagement.
- Actively kept abreast of emerging technologies, and advocated for continuous improvement, fostering a strong engineering culture focused on innovation and collaboration.
- Engineered scalable, secure backend solutions with support for distributed tracing, performance testing, and robust authentication and authorization using Spring Security and OAuth2, enhancing system observability and security.

Environment: Java, Spring Boot, REST APIs, AWS (EC2, Lambda, S3, DynamoDB), Terraform, MongoDB, PostgreSQL, Git, Jenkins, Datadog, Docker, Linux, OAuth2, Agile/Scrum

Client:PrimeSoft Technologies

Duration: Jan 2023- Feb 2024

Role: Full Stack Developer

Responsibilities:

- Developed and maintained full-stack Java-based applications using Spring Boot, delivering secure and scalable REST APIs to support core banking operations within a cloud-native architecture on AWS (EC2, Lambda, S3).
- Led end-to-end SDLC activities including requirement gathering, architecture design, data modeling, and development using Java 17, Spring Boot 2, and Microservices architecture.
- **Built full-stack web applications** using **Django ORM** for efficient data modeling and **React** for dynamic user interfaces, applying a **passionate and entrepreneurial mindset** to deliver innovative features that directly addressed user needs and accelerated product development.
- **Developed and deployed containerized microservices** using **Docker and Kubernetes** on **AWS**, integrating monitoring and CI/CD tooling to streamline application scalability and reliability across cloud environments.

- **Designed and implemented RESTful APIs** with robust authentication and logging, while utilizing **Golang** for backend services and leveraging **cloud-native tools** for efficient deployment and orchestration.
- Utilized advanced Java 17 features, including lambda expressions and Stream API (parallel and sequential), to enhance performance in bulk data processing and business-layer communication.
- Built scalable microservices and RESTful APIs using Spring Boot, Spring MVC, Spring JMS, and Hibernate with HQL for efficient backend operations and database interactions.
- Developed interactive front-end components using HTML5, CSS3, JavaScript, jQuery, Bootstrap, and implemented SPAs with Angular 14, AngularJS, Sass, and LESS for responsive UI/UX.
- Implemented build automation and web dashboard tools using Node.js and Grunt, enabling seamless application builds and deployment workflows.
- **Collaborated in product development** teams, applying **object-oriented principles** and conducting **performance and functional analysis** to deliver efficient, **multi-tasking** applications aligned with business objectives.
- Provisioned AWS infrastructure using CloudFormation JSON templates, configuring services like VPC, EC2, S3, IAM, EBS, Auto Scaling, and RDS to support high-availability deployments.
- Containerized applications with Docker, ensuring portability and streamlined deployments across environments, and leveraged Jenkins for CI/CD pipelines to AWS.
- **Designed and implemented data-driven solutions** using **ElasticSearch** to optimize search performance, enabling faster and more accurate results for end-users across large datasets.
- Developed MongoDB queries for CRUD operations and implemented complex SQL/PL-SQL logic (triggers, functions, stored procedures, cursors, sequences) for batch processes and reporting.
- Applied strong knowledge of **algorithms, data structures, and system design** to build efficient microservices and backend logic, improving application performance, maintainability, and fault tolerance in distributed environments.
- **Followed Agile methodology**, participated in SCRUM ceremonies, applied TDD practices using JUnit, and used Log4j for logging, debugging, and monitoring application performance.

Environment: Java 17, spring, Spring Boot, MVC, Micro Services, Hibernate, Eclipse, HTML5, CSS3, JavaScript, Angular 14, Angular.js, XML, JMS, AWS, Docker, EJB, Log4j, JUnit, Jenkins, SOAP, RESTFul, MongoDB, PL/SQL, SQL, Agile and Windows.

Company: TCS, (USAA)

Duration: Jun 2020 – July 2022

Role: Java Developer

Responsibilities:

- Implemented Spring MVC architecture to effectively separate presentation, business, and data access layers. Integrated components using Spring Dependency Injection (DI) for loose coupling and maintainability.
- Developed user interface screens and Java Beans using Spring Form classes and controllers. Connected UI with backend services using Spring's model-view-controller flow.
- Used Hibernate and JPA for object-relational mapping and database platforms operations in the DAO layer. Wrote optimized queries to access and manipulate relational data effectively.
- Demonstrated a strong passion for technology and engineering, using exceptional analytical and decision-making skills to create innovative, commercially viable software solutions.
- Worked extensively with XML, XSD, and XSLT for data exchange, validation, and transformation. Ensured data compliance through schema validation and structured transformation logic.
- **Developed interactive front-end features** using **Redux, Vue, and TypeScript**, enhancing application responsiveness and scalability while ensuring maintainable and modular code architecture.
- Built SOAP-based web services using WSDL and JAXB to support service-oriented architecture (SOA). Developed and consumed reusable web service clients for external and internal integrations.
- Utilized Java Messaging Service (JMS) for asynchronous, reliable communication between services. Configured message queues for decoupled processing and improved system scalability.
- Implemented Core Java features including Multithreading, Exception Handling, and Collections API. Enhanced performance and functionality of backend modules with robust Java code.
- Wrote complex SQL queries to analyze data flows across multiple databases for business insights. Provided weekly client updates with key accomplishments, delivery status, and progress reports.
- Worked extensively with **UNIX-based systems**, implementing **Infrastructure as Code (IaC)** using **Terraform** to provision and manage cloud infrastructure, while ensuring secure and reliable networking across services.
- **Engineered high-performance modules** using **C++ and Python**, with a strong focus on **concurrency control and memory management**, leading to a 25% improvement in processing efficiency and reduced memory footprint in critical application components.

Environment: Java, spring, MVC, Hibernate, XML, JMS, Java Beans, SOAP, SQL, Agile and Windows.

EDUCATION:

Masters in Computer Science-University of South Florida

Bachelor of Technology in Computer Science-Gitam University