TEJA KAMESH GATTU

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Professional Summary:

- **Full Stack Java Developer** with 8 years of extensive experience in IT, focusing on enterprise and web application development, encompassing architecture design, system development, and large-scale application maintenance across sectors like e-commerce, healthcare, financial, and banking.
- Highly skilled in **Agile methodologies** and actively engaged in all SDLC phases, including planning, design, development, testing, deployment, and maintenance.
- Expert in front-end technologies such as **HTML5**, **CSS3**, **JavaScript**, and frameworks like **Angular**, **React.js**, **Redux**, and **Node.js** for building single-page applications (SPAs).
- Proficient in Core **Java SE 8** and **J2EE** technologies, with strong expertise in Generics, Collections API, Streams API, Functional Interfaces, Lambda expressions, Servlets, **JSP**, and **JDBC**.
- Extensive hands-on experience with the Spring ecosystem, including modules like **Spring Boot**, **Spring MVC**, **Spring Batch**, Spring Data, **Spring AOP**, and dependency injection (IOC), focusing on building scalable microservices architectures.
- Well-versed in designing and implementing robust **RESTful APIs** for seamless communication between distributed systems, ensuring scalability and efficiency.
- Experienced in microservices deployment and management, leveraging Docker, **Kubernetes**, and **CI/CD** tools such as **Jenkins** for continuous integration and streamlined deployment.
- Proficient in cloud platforms such as **AWS** (EC2, S3, RDS, Lambda, CloudWatch) and Microsoft Azure, with expertise in deploying, managing, and optimizing cloud-based solutions.
- Strong database management expertise, encompassing relational databases like **Oracle**, **MySQL**, **SQL Server**, **PostgreSQL**, and **NoSQL** solutions like **MongoDB**, **Cassandra**, and **DynamoDB**, including advanced SQL and ORM tools.
- Skilled in server configuration and deployment using application servers such as **Apache Tomcat**, **JBoss**, **IBM WebSphere**, and **WebLogic**, with effective logging implementations using Log4J.
- Practical experience with messaging systems like **JMS**, **IBM MQ**, **RabbitMQ**, and **Kafka**, with a focus on real-time data processing through Kafka Streams.
- In-depth knowledge of applying design patterns like **MVC**, **DAO**, **Singleton**, and Business Delegate for scalable, maintainable architectures.
- Proficient in version control systems, including **Git**, with expertise in branch management, conflict resolution, and pull requests.
- Highly efficient in project management using **JIRA** for tracking, reporting, and issue resolution throughout development cycles.
- Recognized for strong leadership and team collaboration skills, excelling in autonomous roles and cross-functional team environments.
- Experienced in engaging with clients, resolving application issues, and maintaining transparent communication with stakeholders, internal teams, and senior management.
- Exceptional communication skills, a quick learner of new technologies, and a demonstrated ability to adapt to dynamic technical environments.

Technical Skills:

Programming Languages	Java SE 17/11/8, JavaScript (ES6+), Python, PL/SQL
Java/J2EE Technologies	Core Java, Servlets, JSP, JDBC, JNDI, JMS, EJB, Java Multithreading, Lambda Expressions, Collections API, Streams API
Web Technologies	HTML5, CSS3, XML, JSON, AJAX, jQuery, Angular (10+), React.js, Redux, Bootstrap, Node.js
Web Services	RESTful APIs, JAX-RS, SOAP
IDE & Editors	IntelliJ IDEA, Eclipse, NetBeans, Visual Studio Code, Notepad++
Methodologies	Agile (Scrum, Kanban), Waterfall
Frameworks	Spring Boot, Spring MVC, Spring Batch, Spring AOP, Spring Data, Hibernate ORM

Open-Source Tools	JUnit, Mockito, SLF4J, Log4J, Apache Maven, Gradle
Scripting Languages	Bash, Shell Scripting, Python
Cloud Technologies	AWS (EC2, S3, RDS, Lambda, CloudWatch), Microsoft Azure (Blob Storage, Azure Functions, Key Vault), Google Cloud Platform (GCP)
Containerization and CI/CD	Docker, Kubernetes, Jenkins, GitHub Actions
Messaging Systems	Apache Kafka, RabbitMQ, JMS, IBM MQ
Application Servers	Apache Tomcat, JBoss, WebLogic, IBM WebSphere
Databases	PostgreSQL, Oracle, MySQL, MongoDB, Cassandra, DynamoDB
Version Control	Git, Bitbucket, SVN
Project Management	JIRA, Confluence
Monitoring and Logging	Splunk, ELK Stack, CloudWatch Logs
Operating Systems	Linux (Ubuntu, Red Hat), Windows, macOS

Professional Experience:

Client: USAA, San Antonio, TX **Jan 2023 –Present**
Role: Software Developer

Project Description:
I was part of a team tasked with developing a **Claims Prediction and Fraud Detection System** for USAA's insurance division. The application utilized advanced analytics and machine learning models to identify potentially fraudulent claims and predict claim trends, enabling better resource allocation and fraud mitigation. The project focused on creating an intuitive platform for internal users to visualize predictions, manage claims, and access fraud analytics in real-time, seamlessly integrating with USAA's existing systems.

Responsibilities:

- Collaborated in all stages of the **SDLC**, including gathering requirements, design discussions, development, testing, and deployment.
- Designed and developed a responsive, user-friendly **web interface** using **HTML5**, **CSS3**, and **React**.js, enabling insurance analysts to interact with predictive analytics dashboards.
- Built reusable components and implemented **React Hooks** (e.g., useState, useEffect) for efficient state and lifecycle management.
- Developed and exposed RESTful APIs using **Spring Boot** for seamless data communication between the UI and backend systems.
- Implemented **Spring Security** to authenticate users and manage role-based access controls.
- Designed and deployed **microservices** to manage claims data, fraud detection workflows, and analytics modules, ensuring system scalability and fault tolerance.
- Integrated Apache **Kafka** for real-time event streaming between services and to handle large volumes of claims data efficiently.
- Collaborated with the data science team to integrate **ML models** into the application, using **Python APIs** to evaluate fraud scores dynamically.
- Employed **Spring Batch** for nightly data processing, including updating claim statuses and generating analytics reports.
- Deployed and managed applications in a **Dockerized environment** and used **Kubernetes** for orchestration, ensuring high availability and scalability.
- Utilized **AWS services**, including **S3** for data storage, RDS for relational data management, and **CloudWatch** for performance monitoring.
- Implemented robust database designs and wrote complex queries in **PostgreSQL** and **MongoDB**, ensuring optimal data retrieval for analytics.
- Automated CI/CD pipelines using **Jenkins**, enabling rapid deployment cycles and faster delivery of application updates.
- Ensured seamless integration of the fraud detection system with legacy systems using **JMS** for asynchronous communication.
- Configured logging and monitoring with **Log4J** and **AWS CloudWatch**, capturing key performance and error metrics.

- Actively participated in **Scrum meetings**, provided estimates for tasks, and collaborated with cross-functional teams to ensure timely project delivery.

Environment: Java 17, Spring Boot, Spring Security, Spring MVC, Microservices, React.js, Redux, Docker, Kubernetes, Apache Kafka, Python APIs, MongoDB, PostgreSQL, AWS (EC2, S3, RDS, CloudWatch), Jenkins, Git, Log4J, JIRA, RESTful APIs, Spring Batch, HTML5, CSS3, JavaScript, Agile, Windows, and Linux.

Client: CalSTRS, West Sacramento, CA **Apr 2021 –Dec 2022**
Role: Software Developer

Project Description:
Worked on developing a **Pension Management System** aimed at managing pension plans, contributions, and disbursements for teachers and retirees. The application provided real-time tracking of pension accounts, automated calculations for contributions and benefits, and a secure portal for members to access their financial details.

Responsibilities:
- Collaborated in all phases of **SDLC**, including requirement analysis, architecture design, development, testing, and deployment.
- Developed responsive and dynamic user interfaces using **React.js**, **Redux**, and **TypeScript**, enabling users to monitor their pension plans and access reports.
- Built custom **React components** for reusable UI elements, improving consistency and reducing development time.
- Designed and implemented **Spring Boot microservices** for pension calculation, account management, and secure data handling.
- Utilized **Spring Data JPA** for database interaction and managed entity relationships.
- Developed and integrated RESTful APIs with secure authentication and authorization mechanisms using **Spring Security** and **OAuth 2.0**.
- Employed **RabbitMQ** for asynchronous messaging and real-time notifications to members about account updates.
- Utilized **AWS Lambda** for serverless pension calculations and S3 for secure document storage.
- Integrated the backend with a **PostgreSQL** database for relational data and **DynamoDB** for unstructured data.
- Automated CI/CD pipelines using **Jenkins**, ensuring continuous deployment and integration.
- Implemented caching mechanisms using **Redis** to improve system response time and scalability.
- Used **ELK stack** for monitoring logs, troubleshooting issues, and analyzing application performance.
- Wrote and executed unit tests using **JUnit** and mock testing with **Mockito**, ensuring high-quality code.
- I participated in Agile development methodologies, conducting daily stand-ups and sprint reviews.

Environment: Java 17, Spring Boot, Spring Security, React.js, Redux, TypeScript, RabbitMQ, AWS Lambda, S3, Redis, PostgreSQL, DynamoDB, ELK Stack, JUnit, Mockito, Jenkins, RESTful APIs, OAuth 2.0, Docker, Git, Agile, Windows, and Linux.

Client: Dollar Tree, Chesapeake, VA **Feb 2019 –Mar 2021**
Role: Software Developer

Project Description:
Developed and enhanced **Inventory Management and POS System**, which optimized inventory tracking, improved product stocking, and integrated with point-of-sale (POS) systems across multiple store locations. The application ensured real-time synchronization of inventory data, minimized overstocking, and improved sales reporting.

Responsibilities:
- Designed and developed scalable and efficient **microservices** architecture using **Spring Boot**.
- Built interactive dashboards using **Angular 9** to provide real-time inventory tracking and analytics.
- Integrated RESTful APIs to facilitate seamless communication between POS terminals and inventory systems.
- Implemented **Kafka** for event-driven architecture, ensuring real-time synchronization of inventory and sales data.

- Used **MySQL** as the primary database, writing optimized queries and stored procedures for data management.
- Designed and developed batch jobs using **Spring Batch** for daily reconciliation of sales and inventory data.
- Created role-based access controls using **Spring Security**, ensuring data integrity and secure user access.
- Utilized **Azure Blob Storage** for storing large inventory and sales data files securely.
- Automated CI/CD pipelines using **Azure DevOps**, ensuring rapid and error-free deployments.
- Implemented monitoring and alerting systems using **Nagios** to track application performance and uptime.
- Conducted unit testing with **Mockito** and **JUnit**, ensuring code reliability and robustness.
- Participated in Scrum ceremonies, collaborating with cross-functional teams to deliver features in sprints.

Environment: Java 11, Spring Boot, Spring Batch, Angular 9, Kafka, MySQL, Azure Blob Storage, Azure DevOps, JUnit, Mockito, REST APIs, Docker, Git, Agile, Windows, and Linux.

Client: Fusion Matricks, Bangalore, India **July 2017 –Jan 2019**
Role: Software Developer

Project Description:
Developed and maintained a **Matchmaking and Matrimonial Portal**, designed to connect users through advanced search filters, personalized recommendations, and real-time chat features. The platform was optimized for high performance, security, and scalability to cater to a growing user base.

Responsibilities:
- Designed and developed backend services using **Spring Boot**, implementing core business logic for matchmaking algorithms and user management.
- Developed user-friendly interfaces using **HTML5**, **CSS3**, and **Vue.js**, ensuring compatibility across devices.
- Built RESTful APIs for real-time user interactions, including chat, profile management, and notifications.
- Integrated **Elasticsearch** for advanced search functionality and improved performance in handling user queries.
- Utilized **MongoDB** for storing user profiles, preferences, and chat histories.
- Implemented **JWT-based authentication** for secure user login and session management.
- Employed **AWS CloudFront** for efficient content delivery and **AWS RDS** for storing relational data.
- Created Docker containers for application deployment, streamlining the development and deployment process.
- Configured **Nagios** for proactive monitoring of application health and resolving performance bottlenecks.
- Wrote unit and integration tests using **JUnit** and **Mockito**, ensuring code coverage and reliability.
- Followed Agile methodologies and participated in daily stand-ups and sprint planning meetings.

Environment: Java 8, Spring Boot, Vue.js, Elasticsearch, MongoDB, JWT, AWS CloudFront, AWS RDS, JUnit, Mockito, REST APIs, Docker, Git, Agile, Windows, and Linux.

Education:

- **Master of Science in Computer Science -** University of North Texas, Denton, TX.

- **Bachelor of Technology in Computer Science –** Anna University, Chennai, India.