

Rutvi Kalathiya | Full Stack Developer

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PROFESSIONAL SUMMARY

- **Full Stack Developer with over 5 years of experience** building highly scalable distributed systems and data-driven web platforms.
- Strong hands-on experience with **Java, Spring Boot, Microservices, Angular, and RESTful APIs** across full-stack product engineering.
- Skilled in **SQL, MySQL, Oracle, Hibernate, RabbitMQ, JWT, and OAuth2** for secure and reliable application development.
- Experienced with **Agile/Scrum, Git, Jenkins, Docker, JUnit, Mockito, and CI/CD** for efficient software delivery.
- A collaborative engineer experienced in partnering with **cross-functional teams** to design **robust APIs**, optimize **system reliability**, and accelerate delivery using **agentic AI workflows** across **building, testing, reviewing, and code verification**.

Technical Skills

- **Programming Languages:** Java, JavaScript, TypeScript, SQL, Python
- **Web Services:** JSON REST API, SOAP/XML Web Services, Microservices
- **Cloud:** Microsoft Azure, Azure DevOps, AWS
- **Databases/DB Tools:** MySQL, Oracle, SQL Server, MongoDB
- **Messaging Queue:** RabbitMQ, Apache Kafka, Solace
- **JEE Technologies:** Servlets, JSP, JDBC, EJB, JMS, JSF, JSTL
- **Frameworks:** Spring Boot, Spring MVC, Spring Security, Spring Data JPA, Hibernate
- **Web Technologies:** JavaScript, JSP, jQuery, HTML5, CSS3, Bootstrap, JSON, TypeScript, XML, Material UI, Angular 13/14
- **Platforms:** Windows, UNIX, LINUX, macOS
- **Tools & Workflows:** **IDEs** (IntelliJ IDEA, VS Code, Eclipse, STS), **CI/CD & Containers** (Jenkins, Maven, Git, GitHub, Docker, Kubernetes, OpenShift, Postman, Linux Bash/Shell Scripting), **Quality & Security** (SonarQube, Fortify, Black Duck), **Tracking** (Jira), **AI Productivity** (Agentic AI Workflows, GitHub Copilot, AI Code Verification)
- **Testing Tools:** Jasmine, Karma, JUnit, Mocha, Mockito
- **Servers, Runtimes & Package Managers:** Apache Tomcat, Node.js, npm
- **Methodologies:** SDLC, Waterfall, Agile (Scrum)
- **Frontend:** React, React Native, Angular, TypeScript

Professional Experience

Full Stack Developer

June 2023 to Present

BMO Bank – CANADA, ON

- Took **end-to-end ownership** of **full-stack application development** using **Java, Spring Boot microservices**, and **Angular 14**, securing **JSON REST APIs** and **SOAP/XML web services** with **Spring Security**, and implementing data persistence with **Spring Data JPA**.
- Participated in **Agile Scrum** ceremonies, including sprint planning, daily stand-ups, and retrospectives to ensure on-time and quality deliverables.
- Built and integrated microservices architecture using Spring Boot, Spring Cloud, and implemented secure communication using **JWT** and **OAuth2**.
- Designed and implemented scalable, **event-driven microservices** using **Apache Kafka** and **Spring Boot** to process real-time asynchronous data, supporting On-Line Transaction Processing (**OLTP**) for upstream financial integrations.
- Built responsive, high-impact web interfaces using **React, Angular 14, TypeScript, HTML5, CSS3**, and **Material UI** to deliver intuitive client-facing banking features.
- Implemented **multithreaded** and **concurrent** Java components using **Collections** and efficient data structures/algorithms to improve application performance, scalability, and processing efficiency.
- Developed and optimized **SQL queries**, stored procedures, and triggers in **Oracle** and **MySQL** for complex batch processing, maintaining data consistency and improving query performance.
- Utilized design patterns such as **Singleton, Factory**, and **MVC** along with SOLID principles to maintain clean and modular code architecture.
- Developed backend features using **TDD** with **JUnit** and **Mockito**, added **integration tests** for **REST APIs** and **database interactions**, and wrote **frontend** unit tests using **Karma** and **Jasmine**.

- Automated **CI/CD pipelines** using **Jenkins, Maven, Git, and Docker**; integrated **SonarQube, Fortify, and Black Duck** scans and resolved code and dependency vulnerabilities identified before release.
- Provided **on-call support** for **backend applications** in **Linux** environments, using **Log4j** and **AWS** monitoring to investigate **production issues** and **support service reliability**.
- Partnered **cross-functionally** with **product, design, and compliance teams** to navigate complex financial rules, trade-offs, and **regulatory requirements** while moving real client funds reliably.
- Translated banking requirements into **technical specifications, API contracts, and development estimates** with product **owners** and **engineers**, then delivered features through **testing, deployment, and production support**.
- Maintained source control and branch management strategies using **GitHub**, ensuring code versioning and peer-reviewed merges.
- **Mentored team members** through technical guidance, knowledge sharing, and collaborative **problem solving** during application development.
- Containerized **Spring Boot** applications using **Docker** and deployed them on **OpenShift** and **Kubernetes**, maintaining consistent application configurations across environments.
- **Deployed applications on AWS** using **EC2, S3, and RDS**, and configured **IAM** roles and **security groups** to maintain secure cloud infrastructure.
- Used **agentic AI** workflows in **IntelliJ** and **VS Code** to **develop features, generate tests, and review code**, validating generated changes through code review and testing before release.

Technology: Java 17/21, J2EE, Spring Boot, Hibernate, Microservices, JSP, Servlets, React, Angular 13/14, TypeScript, JavaScript, HTML, CSS, MySQL, ActiveMQ, Apache Tomcat, Git, Jenkins, Maven, Eclipse, Jira, Log4j.

Jr. Java Developer

January 2021 to April 2023

GVT Software Solutions – Ahmedabad, India

- Designed and implemented high-performance software components, actively participating in the **full software development lifecycle** including scoping, implementation, testing, deployment, and maintenance.
- Developed UI using **HTML, CSS3, JavaScript, Bootstrap, jQuery and Angular**.
- Designed and implemented the application using **Spring Boot, Spring MVC, Spring IoC** and **Hibernate**.
- Implemented **dependency injection** between components using **Spring IoC**.
- Configured **Log4j** for application logging.
- Wrote **SQL queries and stored procedures**, integrating database access into Java applications using **JDBC** for reliable data transformation and retrieval.
- Built and deployed applications through **CI/CD pipelines** using **Jenkins** and **Git**.

Technology: MySQL, Core Java, Java 17, ES6, Git, Jira

Education

Bachelor of Computer Science

Veer Narmad South Gujarat University, Surat, Gujarat, 2020