

Keyur Patel | Software Engineer

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TECHNICAL SUMMARY

- 3+ years of experience in **Java/J2EE development** across **banking, fintech, and risk management domains**, building enterprise and microservices-based applications.
- Strong expertise in **Spring Boot, Spring Security, REST/GraphQL APIs**, and backend integration for high-availability systems.
- Hands-on experience with **system migration, application integration**, and production support in **Linux, WebSphere, and Oracle** environments.
- Proven ability in **incident management, root cause analysis, performance tuning**, and supporting business-critical applications.
- Worked extensively with **cloud and DevOps technologies** including **AWS/Azure, Docker, Kubernetes, Jenkins, Git, Maven**.
- Solid database experience with **Oracle, DB2, SQL Server, MySQL, MongoDB, Snowflake**, using **JPA/Hibernate**.
- Strong collaborator with experience in **Agile delivery, CI/CD pipelines, automation, security, and regulatory-compliant financial systems**.

TECHNICAL SKILLS

- **Programming Languages:** Java, JavaScript, SQL, Python
- **Backend & APIs:** RESTful & SOAP Web Services, Microservices Architectures
- **Frameworks:** Spring Boot, Spring MVC, Spring Security, Hibernate/JPA
- **Frontend Technologies:** Angular, React, TypeScript, JavaScript, HTML5, CSS3, Bootstrap, Material UI, jQuery, JSP, JSON, XML
- **Databases:** Oracle, MySQL, SQL Server, PostgreSQL, MongoDB
- **Messaging & Streaming:** Kafka, RabbitMQ
- **JEE Technologies:** Servlets, JSP, JDBC, JMS, JSF, JSTL, EJB
- **Cloud & DevOps:** AWS, Docker, Jenkins, Maven, GitHub, SonarQube, CI/CD Pipelines
- **Testing:** JUnit, Integration Testing, Jest, Mockito, Jasmine, Karma, Mocha
- **Tools & IDEs:** IntelliJ IDEA, VS Code, Eclipse, NetBeans, STS, JIRA
- **Operating Systems:** Windows, Linux, UNIX, macOS
- **Methodologies:** Agile (Scrum), SDLC, Waterfall
- **Soft Skills:** Strong problem-solving, critical thinking, analytical thinking, effective communication, attention to detail, excellent customer-collaboration experience
- **Exposure to:** Django, Flask

WORK-EXPERIENCE:

Software Developer
CIBC - TechnoKwik

ON-Canada

Jan 2024 – Present

- Designed and developed microservices-based banking applications using **Java, Spring Boot**, and **REST APIs** for payments, accounts, and transaction processing
- Developed responsive frontend components using **HTML, CSS, JavaScript, Angular and React.js components**, integrating secure REST APIs to enable seamless user interactions and data visualization.
- Worked with **RDBMS** databases including **Oracle** and **MySQL** for complex SQL queries and performance tuning, and utilized **MongoDB** (NoSQL) for scalable **document-based** data storage
- Contributed to **credit** and **operational risk** management by implementing transaction validation logic, audit trails, and secure controls aligned with banking compliance standards
- Provided **production support, handling incidents, root cause analysis (RCA), bug fixes, and performance optimization** for critical banking systems
- Practiced **TDD** and **BDD**, writing unit and integration tests using **JUnit, Mockito, Cucumber**, ensuring high code quality and coverage
- Implemented Spring Security for authentication and authorization, adhering to banking and regulatory compliance

standards.

- Worked with **AWS (EC2, S3, RDS)** and supported **CI/CD pipelines** using **Git, Jenkins, Maven, Docker** for automated builds and deployments
- Collaborated in **Agile/Scrum** teams, participating in code reviews, deployments, and continuous improvement initiatives
- Worked with **Kafka/RabbitMQ** for asynchronous messaging and **event-driven processing** in banking workflows
- Assisted in **application monitoring, log analysis, and health checks**, ensuring high availability and stability of production systems
- Built **AI-assisted** banking microservice using **Spring Boot + Ollama** with prompt tuning for secure, on-prem financial query analysis and knowledge retrieval, leveraging **Large Language Models (LLMs), NLP, and predictive analysis** concepts
- The microservice retrieves **logs** and **policy rules**, then sends prompt-tuned requests to a **locally hosted LLM** to generate clear explanations, enabling context-aware responses and **AI-driven decision support**

Software Engineer

January 2022 – December 2022

GVT Software Solutions – Ahmedabad, India

- Develop and maintain **full-stack applications** using **Java, Spring Boot, and React.js**.
- Build and consume **RESTful APIs**, integrating frontend components with backend services.
- Leveraged **data structures** and **algorithmic** optimizations within Spring Boot services to improve **performance**, reduce **time complexity**, and build scalable, **production-ready REST APIs**.
- Implement responsive UI components using **React, JavaScript, HTML, and CSS**.
- Developed and executed **unit and integration tests** to validate functionality prior to production releases using **JUnit, Mockito, and Jest**.
- Work with **RDBMS** databases using **SQL/JPA/Hibernate** for CRUD operations.
- Fix bugs, perform code reviews, and assist in **performance optimization**.
- Participate in **Agile/Scrum ceremonies**, collaborating with seniors, QA, and product teams.

EDUCATION:

Project Management in Information & technology

Jan 2024-Aug 2024

Canadore College | Brampton, Ontario

Graduate Certificate in Information Technology

Jan 2023-Aug 2023

Algoma University | Brampton, Ontario

Bachelor of Technology (B. Tech) – Information Technology

July-2018-June-2022

Birla Vishvakarma Mahavidyalaya, India