Rohit Singla

Visa Status: Canadian Permanent Resident (PR)

Basic information

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PROFESSIONAL PROFILE

Full Stack Developer with 11+ years of experience building scalable enterprise and product-based applications. Skilled in **Java (Spring Boot), Angular, REST APIs, Android development**, and strong database expertise in **MySQL and SQL Server**. Experienced in **manual testing and quality assurance**, ensuring robust and reliable software delivery. Proven success in **migrating legacy systems to modern stacks (Angular 16, Spring Boot)** and delivering solutions in **HR, CRM, asset management, and telecom domains**. Adept at **Kubernetes, Docker and Helm** for container orchestration and deployment, mentoring, Agile practices, and collaborating with cross-functional teams to drive quality, performance, and business value.

Technical Skills

Backend: Java 17, **Spring Boot (Security, AOP, Exception Handling)**, REST APIs, EJB, Hibernate, JPA/Hibernate
Frontend: Angular 16+, AngularJS, JSF, TypeScript, JavaScript, HTML5, CSS3, Bootstrap, RxJS, AG-Grid Library
Database: MySQL, PostgreSQL, SQL Server, MongoDB, Firebase Realtime Database (NoSQL)
Tools & DevOps: IntelliJ IDEA, VS Code, Git, Jira, Rancher, Kubernetes, Helm, Docker, Linux
Cloud/Other: AWS(S3, CloudFront, Route 53), Heroku, Firebase, Power BI, Apache POI, JBoss, Tomcat, Kafka, Swagger
AI & Machine Learning: Amazon Q, ChatGPT
Testing tools: JUnit, Mockito

Work experience

Technical Lead   April 2021 - September 2025
Ericsson
Project: (CMC: Extended Team Collaboration with Germany)
Role: Full Stack Developer / Team Coordinator

- Led a team of 4 members (3 developers and 1 tester) to deliver end-to-end project solutions.
- Acted as the primary point of contact between the India team and the **Germany client** team, managing all communications and clarifications.
- Architected a new microservice using **Java Spring Boot (Security, AOP)**, integrating **RabbitMQ** for asynchronous, scalable, and fault-tolerant inter-service communication.
- Developed backend APIs with **Spring Boot**, **REST**, and **JPA/Hibernate**, ensuring efficient data handling and business logic implementation.

- Migrated a large-scale **AngularJS** application to **Angular 17**, enhancing maintainability, performance, and user experience.
- Designed and implemented **views in PostgreSQL** and performed **query optimization** to improve database performance and reduce response times.
- Coordinated requirements, feedback, and delivery schedules between cross-functional teams to ensure timely and accurate project delivery.
- Managed application deployment and container orchestration using **Docker** and **Kubernetes**, including **Helm charts**.
- Implemented unit testing with **JUnit** and **Mockito** to ensure code reliability and maintainability.
- Managed version control with **Git** and sprint tasks via **Jira**. Participated in daily stand-ups, sprint planning, and code reviews as part of **Agile** methodology.
- Used **AmazonQ** and **ChatGPT** to accelerate development, optimize code quality, and generate rapid solutions during complex problem-solving.
- Skilled in **Core Java concepts including Streams, Collections, Generics, and Functional Programming**, ensuring high-performance and maintainable backend services.

Project: (QMT: Quality Metrics Test)
Role: Full Stack Developer

- Architected a new microservice using **Java Spring Boot**, integrating **Kafka** for asynchronous, scalable, and fault-tolerant inter-service communication.
- Migrated a small-scale JSF **application to Angular 8** and then upgraded to **Angular 16**, improving maintainability, performance, and user experience.
- Optimized **MySQL queries** and backend resources, improving application performance by 30%.
- Developed **SQL stored procedures** to calculate automation savings (previously done in Excel), reducing manual effort by 90% and improving reporting accuracy.
- Successfully deployed a microservices-based application, orchestrating multiple services using **Docker** and **Docker Compose** for streamlined development and deployment.
- Built and embedded **Power BI** dashboards within Angular, providing stakeholders with actionable insights and improving data-driven decision-making.
- Mentored junior developers and conducted peer code reviews to enforce **clean code and best practices**.
- Collaborated with QA, product owners, and cross-functional teams in **Agile/Scrum**.
- Used **ChatGPT** to accelerate development, optimize code quality, and generate rapid solutions during complex problem-solving.
- Implemented unit testing with **JUnit** and **Mockito** to ensure code reliability and maintainability.
- Performed **manual testing** to track and resolve issues, ensuring application quality and reliability.

Senior Software Developer   July 2017 - March 2021

PeopleStrong HR Services
Project: (AltWorklife)
Role: Full Stack Developer

- Refactored all **REST APIs** using **Java Spring Boot**, improving performance by **25%** and reducing latency.
- Improved code reusability and maintainability by creating modular **Angular components and services**.
- Improved code reusability and maintainability by **refactoring JSF pages and backing beans into modular, reusable components and services**.
- Spearheaded **API integration between PeopleStrong and ClearTax**, enabling portal redirection, tracking user interactions, and storing purchase data in the database for analytics.
- Exposed APIs for **mobile integration** and successfully managed end-to-end integration of the **Investment Module**, ensuring seamless data flow and functionality.
- Developed **SQL queries, stored procedures, and optimized database performance** for **PostgreSQL,NOSQL** and **MySQL** backends.
- Utilized **AWS services (S3, CloudFront, Route 53)** for hosting, content delivery, and domain management.
- Conducted **manual testing** for production issue tracking.
- Collaborated closely with QA, product owners, and cross-functional teams in **Agile/Scrum** to ensure timely delivery of features.
- Mentored junior developers and conducted **peer code reviews** to enforce coding standards and best practices.
- Worked as **L2 support**, handling high-priority production issues and coordinating between L1 and L3 teams to ensure timely resolution and improved system stability.

Software Developer   July 2014 - June 2017

Libsys Ltd.
Project: (Asset Management)
Role: Full Stack Developer
Client: DRDO

- Designed the complete **system architecture** and **database schema** for efficient asset tracking and management.
- **Developed and independently tested the application**, ensuring smooth deployment, accurate functionality, and high-quality performance.
- Developed **data migration utilities** using **Apache POI** to migrate legacy Excel data into the system with full accuracy.
- Developed and exposed **REST APIs** to integrate with a **microservice** capturing data from **RFID-based devices**, enabling real-time tracking and seamless data flow.
- Built the **UI using Google Web Toolkit (GWT)**, ensuring a responsive and user-friendly interface.
- Deployed the application in the client environment and managed **Excel-to-software data migration**, ensuring full data integrity and accuracy.
- Implemented **backend services** for CRUD operations, reporting, and analytics to streamline asset management processes.

- Coordinated with QA and client teams for testing, bug fixes, and deployment, ensuring smooth project delivery.

Project: (LsCRM)
Role: Full Stack Developer

- Developed an **import utility using Apache POI** to migrate client data from Excel into **LsCRM**, ensuring data accuracy and integrity.
- Conducted a **POC and implemented an email client** using **Mail.jar** and **Gmail API** for automated email communications.
- Developed a new **microservice acting as a CDN** to optimize asset delivery and reduce API response times; later integrated into multiple other tools for broader use.
- Optimized **Java backend code performance by 50%** through elimination of redundant code and implementation of advanced optimization techniques.
- Implemented **REST APIs** and backend services to support new features and integrations.
- Collaborated with QA and cross-functional teams to ensure smooth deployment, testing, and issue resolution.

Education

Masters of Computer Applications	**July 2011 - June 2014**
Thapar University, Patiala, India	
Bachelor of Computer Applications	**July 2008 - June 2011**
Bhai Gurdas Institute of Technology, Sangrur, India	

Certificates

Java SE 8 Programmer I (1Z0-808)	**Present**
Angular 11 - VSkills	**Present**
MySQL DB Administration - VSkills	**Present**

Key Strengths

- Training the new members in the team and getting them productive quickly.
- Ability to work independently and within a team.
- Willingness to learn new tools and technologies.
- Self-motivated and goal oriented.