

# Nivid Shah

Langley, BC

[GitHub](#) [LinkedIn](#) [Portfolio](#)

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**Senior Software Developer** with expertise in **Java, Spring Boot, PL/SQL, and modern web technologies** including React, Next.js, and JavaScript. Skilled in designing scalable applications, optimizing performance, and implementing innovative solutions in Agile environments. Strong foundation in data structures, OOP, and version control, with proven experience in cloud migration, API development, and system modernization. Passionate about problem-solving and delivering high-quality, scalable software that drives business efficiency and enhances user experience.

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## Technical Skills

- **Programming Languages:** Java, Kotlin, JavaScript (ES6+), C#
- **Frameworks & Libraries:** Spring Boot, Hibernate, Maven, React, Next.js
- **Databases:** SQL (SSMS, PL/SQL, MySQL), MongoDB (NoSQL)
- **Cloud & Tools:** Azure, Informatica IICS, Firebase, GitHub, Docker, Kubernetes
- **Testing & Automation:** JUnit, Mockito, PowerShell, Linux scripting, CI/CD (GitHub Actions)
- **Monitoring & Logging:** Splunk, OpenTelemetry
- **Development Practices:** Agile, Design Patterns, Microservices architecture

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## Work Experience

### Senior Software Developer – Pattison Food Group

Langley, British Columbia, Canada

October 2023 – Present

- **Designed, developed, and delivered multiple Java Spring micro-service**, improving system functionality and maintainability while ensuring full lifecycle ownership from development to support. Migrated four legacy applications to Spring Boot and retired five outdated services, reducing technical debt and improving performance by 30%.
- **Optimized event-driven inventory adjustment services** by refactoring core logic, achieving 70% faster message processing and significantly improving system reliability.
- **Spearheaded strategic planning for migrating 50+ services from JBoss 5 to Azure Local**, driving platform modernization, scalability, and cloud readiness.
- **Engineered end-to-end inventory data and application integrations** using Informatica Intelligent Cloud Services (IICS), optimizing SQL queries and ETL workflows to reduce task load by 50% and eliminate 1B+ redundant I/O operations, driving significant cost savings.
- **Developed Smart Count backend feature** leveraging custom rulesets to detect inventory discrepancies, improving anomaly detection accuracy by 97%. Built RESTful APIs for Android integration, streamlining physical count workflows for store teams.
- **Created comprehensive unit and integration tests using Mockito and JUnit**, ensuring high reliability and resilience of inventory processing services.
- **Implemented network resiliency in an Android app** using Kotlin, enabling offline data storage and caching for seamless synchronization during connectivity issues. Played an important role in **developing push notification functionality using Firebase Cloud Messaging (FCM)** to enhance real-time user engagement and communication.
- **Worked in an Agile environment on the modernization of three critical web apps** using JavaScript, Next.js, and React to design, develop, and deliver scalable features. Contributed to deployments projected to serve thousands of users, improving application performance and user experience.
- **Played Key role in designing and integrating systems for Micro-fulfillment Centre (MFC)**, enabling automated inventory adjustments for e-commerce orders and reducing manual interventions for faster fulfillment.

### Application Support Analyst - Pattison Food Group

Langley, British Columbia, Canada

January 2023 – September 2023

- **Supported 350+ retail locations across 6+ banners**, ensuring technical reliability and seamless operations for Point-of-sale, store servers, and backend systems.

- Developed **automated Control-M jobs** to monitor sales data across chainwide stores, improving operational efficiency and reducing manual checks.
- Contributed to **POS version upgrades** by implementing critical features and integrating **Log4net logging** for custom libraries, enhancing system observability.
- Reduced **transaction failure incidents by 40%** through DNS configuration improvements and participation in **SD-WAN network migration validations**.
- Collaborated on **pricing and promotion engine enhancements** to comply with regulatory requirements, ensuring accurate pricing across all stores.
- Coordinated with **third-party vendors** for root cause analysis and resolution of recurring incidents, improving system stability.
- Managed and resolved **high-priority incidents within SLA**, consistently addressing underlying issues to prevent recurrence.
- Authored **technical documentation** for IT Helpdesk, streamlining troubleshooting processes and reducing resolution time.

### **Computer Science Tutor & Lab Assistant – Learning Centre**

Douglas College, New Westminster, BC

May 2021 – December 2022

- **Supported students to build a core foundation** in Java, C#, JavaScript, SQL, Python, & tools MS Excel, IntelliJ, Eclipse, and more. College Reading & Learning Association 2 certified advanced tutor with more than 200 tutoring sessions.
- **Developed strong debugging skills by assisting more than 250 students & 5 support instructors** in 5 semesters by solving complex problems and inquiries related to assignments, and coursework.

## **Education**

### **Computer and Information Systems - Data Analytics (Post-Baccalaureate Diploma)**

Douglas College, New Westminster, BC, Canada

January 2021 - December 2022

- **GPA: 4.05/4.33**
- Graduated with Golden Cord, received International Returning Student Scholarship, Three-time Dean's List, and one-time Honor's Roll
- Relevant courses: Java, C# Programming, SQL and MongoDB, Operating Systems, Data Visualization, Machine Learning, Web-Development, Android App Development, Statistics, Software Engineering

### **Instrumentation and Control - (Bachelor of Engineering)**

Gujarat Technological University, India

July 2016 – August 2020

- **GPA: 9.03/10**
- Relevant courses: Power Electronics, Advance Control Theory, Industrial Drives and Control, Distributed Control Systems, Analog & Digital Communication, Embedded programming, PLC programming, Advanced Numerical & Statistical methods.

## **Technical Projects**

### **Full-stack e-commerce web application using Spring Boot**

- Designed and developed a highly scalable Spring boot web application and deployed it on Heroku. Integrated PayPal payments, OAuth 2.0 Authentication, and deployed on Heroku and personal domain.
- Constructed Google Charts Visualization using API and cross-platform data for informed decision-making.
- *Technologies Used:* Java, Spring boot, Hibernate, JavaScript, RESTful APIs, JUnit, Mockito, AWS S3

## **Certificate**

### **Intermediate First Aid: Level C CPR/AED**

- Certified by St. John Ambulance Saint – British Columbia and Yukon Council.