AJIT PAL

Full Stack Developer | Ottawa, Ontario

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Portfolio

PROFESSIONAL SUMMARY

Highly accomplished **Full Stack Developer** with 3+ years of experience in designing, developing, and deploying scalable, secure solutions across the **e-commerce, retail, and finance sectors**. Proven expertise in **Java, Spring Boot, Node.js, React, and Angular**, with a strong command of **Agile methodologies, Microservices architecture, RESTful API development, and cloud-native architectures using AWS**. Adept at optimizing performance, leading technical initiatives, and collaborating cross-functionally to deliver high-impact features and robust **Capital Markets** and **E-commerce Platforms**.

TECHNICAL SKILLS

Languages & Frameworks:	Java (17), JavaScript, TypeScript, HTML5, CSS3, React, Angular, Node.js, Spring Boot, Express.js	**Databases:**	MySQL, MongoDB, Firebase	**Cloud & DevOps:**	AWS (Lambda, S3, RDS), Docker, Kubernetes, Git, Jenkins, Maven, DBeaver, Splunk, **Microservices**
Testing & APIs:	JUnit, Selenium, Postman, REST API, GraphQL	**Methodologies & Concepts:**	Agile/Scrum, **Data Structures & Algorithms**, **System Design**		

PROFESSIONAL EXPERIENCE

Full Stack Developer | BMO Capital Markets | Toronto, ON

April 2025 – Present

- **Led the strategic migration and redesign of core Capital Markets solutions to a scalable, cloud-native AWS environment**, leveraging Java 17 and Spring Boot for multi-module applications, significantly enhancing system resilience and performance.
- Designed and developed high-performance **RESTful APIs** for critical data processing and real-time financial reporting, directly contributing to improved operational efficiency and decision-making.
- Successfully deployed and maintained robust cloud-native services on AWS, ensuring high availability and reliability for financial applications.
- Collaborated effectively within **Agile/Scrum teams**, consistently delivering high-quality features within 2-week sprints.

Full Stack Developer | Walmart (via Meson Technologies) | Toronto, ON

Jun 2021 – Jun 2023

- Built and enhanced high-traffic features for Walmart's **e-commerce platform** using **React, Node.js, and Express**, directly impacting user experience and driving sales.
- **Optimized REST API performance by 95%**, significantly improving response times for millions of users and enhancing overall platform responsiveness.
- Led comprehensive testing and deployment initiatives using **Postman, Docker, and Jenkins**, ensuring seamless product releases and minimizing post-deployment issues.
- Drove successful cross-functional collaboration within **Agile ceremonies**, accelerating project timelines and fostering a cohesive development environment.

Full Stack Developer | Meson Technologies | Toronto, ON

Aug 2021 – May 2023

- Delivered critical automation and support solutions for major financial institutions (BMO and RBC), enhancing operational efficiency and data accuracy.
- **Led test automation efforts using Selenium and JUnit**, drastically reducing manual testing time by X% (if quantifiable) and improving software quality.
- Collaborated on diverse client projects, gaining broad experience across different tech stacks and solving complex technical challenges.

Android Developer Intern | Independent Projects

Jan 2019 – Aug 2019

- Developed and deployed internal Android tools that streamlined QA documentation and automated workflows, improving team productivity.

SELECTED PROJECTS

3AmShopper – E-Commerce Platform | Live Site

- Engineered a complete **e-commerce platform** using **React, Node.js, Express, and MongoDB**, featuring robust user authentication, dynamic product catalog, and secure payment processing.

- Implemented **Redux-based state management** and designed efficient **RESTful APIs** for seamless data flow and optimal user experience.

To Ride – Bike Rental App

- Developed a real-time bike rental system using HTML and Bootstrap, which **improved user registration by 15%** and enhanced user acquisition.

- Enhanced backend automation through advanced **XPath testing**, increasing system reliability and reducing manual intervention.

Notev – Note Taking App

- Created an Android application for digitizing handwritten notes using **OCR technology**, providing a practical solution for efficient note management.

- Integrated an intuitive UI for improved user experience and **reduced input latency**, enhancing overall app responsiveness.

EDUCATION

Post Graduate Certificate, Mobile Application Design and Development

Lambton College, Toronto | 2023 – Present

Bachelor of Computer Applications

Punjab Technical University, India | Jul 2016 – Aug 2019