

AJIT PAL

Full Stack Developer | Ottawa, Ontario

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PROFESSIONAL SUMMARY

Highly accomplished Full Stack Developer with over 4 years of professional experience (excluding freelance/independent projects) in designing, developing, and deploying scalable, secure, and high-performance applications 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

Programming Languages: Java (17/11/8), JavaScript (ES6+), TypeScript, HTML5, CSS3, Python

Frameworks & Libraries:

- **Backend:** Spring Boot, Node.js, Express.js
- **Frontend:** React, Angular, Redux, Bootstrap, Material-UI, Tailwind CSS

Databases:

- **SQL:** MySQL, PostgreSQL, Oracle
- **NoSQL:** MongoDB, Firebase, Redis, DynamoDB

Cloud & DevOps:

- **Cloud Platforms:** Amazon Web Services (AWS), Google Cloud Platform (GCP), Microsoft Azure
- **AWS Services:** EC2, S3, RDS, Lambda, API Gateway, SNS, SQS
- **Containerization:** Docker, Kubernetes
- **CI/CD:** Jenkins, GitLab CI, Maven, Gradle
- **Monitoring:** Splunk, Prometheus, Grafana

Testing & APIs:

- **Testing:** JUnit, Mockito, Selenium, Postman, Jest, Cypress
- **APIs:** RESTful APIs, GraphQL, SOAP

Methodologies & Concepts: Agile/Scrum, Data Structures & Algorithms, System Design, Object-Oriented Programming (OOP), Microservices Architecture, CI/CD

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

June 2023 - Jan 2025

- 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

August 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 and improving software quality.
- Collaborated on diverse client projects, gaining broad experience across different tech stacks and solving complex technical challenges.

SELECTED PROJECTS

3AmShopper - E-Commerce Platform | [\[Live Site\]](#) | [\[GitHub-FE\]](#) | [\[GitHub-BE\]](#)

- 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

