

Pavan Patel

Toronto, ON ▪ 647-513-5081 ▪ patelpaavan9@gmail.com ▪ [LinkedIn](#) ▪ [Github](#)

JAVA DEVELOPER

Highly motivated graduate with Java Development experience. Proficient in Java, Angular, and Spring, with a strong understanding of AWS technologies and experience in developing algorithms for data processing. Accomplished in designing, developing, and maintaining software applications with a focus on efficient deployment processes and seamless user experience. Adept at collaborating with cross-functional teams, participating in code reviews, troubleshooting issues and staying up-to-date with the latest technologies and industry trends.

KEY STRENGTHS

Innovation | Technical expertise | Customer Experience | Agile mindset | Problem Solver

TECHNICAL SKILLS

Languages:	Java, C, C++, Python, JavaScript, HTML5, CSS3.
Frameworks:	Angular 7, Node, Nightwatch, Junit, Spring Boot.
Databases:	MongoDB, PostgreSQL, MySQL, NoSQL, RDBMS.
Deployment:	Docker, AWS CodeCommit, AWS CodeDeploy, Jenkins.
IDEs and Platform:	Linux, Mac OS, Windows, IntelliJ IDEA, VS Code, Android Studio, Eclipse.
Collaboration Tools:	Asana, Jira, Slack, Teams, Chime, Zoom.
Familiar Topics:	Interface architectures (REST, SOAP), kubernetes and Microservices
Concepts:	Software Engineering, Object Oriented Programming, Data Structures, Algorithms, Machine Learning, NLP, Agile Methodology, CI/CD tools, and Software version control.

PROFESSIONAL EXPERIENCE

AMAZON Vancouver, BC

2022 - 2023

Software Development Engineer

As a Software Development Engineer at Amazon, I was responsible for assisting in the design and development of software solutions and participating in the development lifecycle, including requirements gathering, implementation, and maintenance.

- Successfully deployed features developed using Java, Angular, and Node.js, resulting in improved reliability.
- Collaborated with cross-functional teams to identify and resolve technical challenges to tailor environment setup guide, which resulted in reduced time to setup an environment from days to few hours.
- Contributed to the design and development of the upcoming Visa Direct feature, allowing sellers on Amazon to receive payments within 30 minutes compared to the previous waiting period of 3-5 days.
- Improved code quality through regular participation in code reviews and learning amazon's coding standards, leading to more maintainable and scalable software systems.
- Stayed up-to-date with the latest technologies and industry trends, resulting in improved technical skills and knowledge.

TATA CONSULTANCY SERVICE – Client: Royal Bank of Canada, Toronto, ON

2021 - 2022

Software Engineer

As a Software Developer at Tata Consultancy Services, I was responsible for the complete development lifecycle of software solutions, including requirements gathering, design, implementation, testing, and delivery.

- Successfully developed an algorithm to convert outgoing JSON formatted wire transfer data to XML format before sending it to the SWIFT system, used for wire transfers, which improved data processing efficiency and readability.
- Worked closely with the client to understand their needs and requirements and created a solution that was tailored to their specific needs.
- Demonstrated strong technical skills and a deep understanding of software development methodologies in a short amount of time, contributing to the successful delivery of a high-quality software product.
- Contributed to the documentation process, ensuring that the solution was easily maintainable and scalable.
- Collaborated effectively with cross-functional teams to ensure a seamless project delivery in a fast-paced environment.

WALMART, Thunder Bay, ON**2020 - 2021****Customer Value Associate**

The Customer Value Associate at Walmart is responsible for ensuring efficient store operations and providing exceptional customer service through tasks such as deep scanning, stocking shelves, generating labels, and assisting customers while demonstrating strong organizational skills and attention to detail.

- Successfully implemented deep scanning for out of stock items and empty shelves, resulting in increased accuracy and efficiency of store inventory management.
- Demonstrated versatility and adaptability by performing various roles within the customer value department and contributing to the overall success of Walmart by resetting modular locations, assisting customers, and working in online grocery shopping and dispatch operations.

TECHNICAL PROJECT EXPERIENCE

EXTENDED 2D ROBOCUP SOCCER FRAMEWORK: METHODS FOR BENCHMARKING SKILLS AND PREPARING DATASETS **2021**

Designed and implemented a framework to analyze and enhance player performance by harnessing 472 shoot-specific situations using bash script and Python, resulting in a differentiated evaluation of poor and good performing clients.

- Conducted thorough analysis of log files generated by the simulator.
- Developed a log file data-extractor in Python, successfully performing data cleaning and extracting relevant information.
- Improved the functionality of the existing soccer server by creating a benchmarking framework.

ANDROID CHAT APPLICATION USING FIREBASE**2020**

Designed and developed a Chat Application using Android Studio, allowing users to send and receive messages efficiently.

- Utilized firebase to securely store backend data.
- Improved the user experience (UX) by implementing custom UI designs using JavaScript.
- Enabled users to personalize their profiles by uploading profile pictures and adding text status updates.

SENTIMENT ANALYSIS ON COVID-19**2020**

Developed a Console application that gathers tweets from twitter users worldwide and stores them in a file.

- Leveraged Machine Learning and Natural Language Processing algorithms to provide sentiment analysis on Covid-19, using classification techniques.
- Conducted a deep dive to understand the requirements for fetching Twitter API data and researched various algorithms to determine the most efficient model.
- Generated regular reports to track the progress of the project and ensured timely delivery.
- Fine-tuned hyper parameters to achieve optimal accuracy in sentiment analysis.

EDUCATION

Master of Science, Computer Science, Lakehead University, Thunder Bay, Canada - 2021
Bachelor of Engineering & Technology, Computer Science, Parul University, Gujarat India – 2019