PRIYA PATEL

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WORK EXPERIENCE

WALMART GLOBAL TECH   **Jul 2022 - Apr 2024**

Software Engineer

Backend Engineering & System Performance

- **Drove** feature adoption by 25% and improved customer satisfaction score from 4.5 to 4.8 by developing the Printerless Returns feature using **Java**, **Spring Boot**, and **MySQL**
- **Increased** reliability by 25% and ensured message integrity at scale by scaling apache **Kafka** microservices across a distributed system with event-driven architecture processing **1,000+** transactions per minute
- **Improved** API performance by reducing latency by 20% and increasing peak throughput by 10% through workflow optimization and **SQL** query tuning

Frontend Development & User Experience

- **Enabled** enterprise authentication system across **400+** Walmart stores, centralizing access control and enabling secure, seamless login across devices in U.S. and Canada locations
- **Boosted** task efficiency by 15% and reduced support tickets by 20% by integrating a user-friendly UI using **Angular**, **JavaScript**, and Spring Boot, streamlining backend operations for Store Applications
- **Integrated** frontend system built with **React.js** and **Redux** with backend services to enable Walmart's Subscription Passes initiative, enhancing user experience and streamlining delivery workflows

Automation & CI/CD

- **Reduced** manual QA effort by 40% and improved test coverage by 30% by implementing **Test Automation Suite** with Selenium, Rest Assured, JUnit and Mockito across 20+ microservices
- **Enhanced** observability by 70% and accelerated incident response by 40% by implementing **20+ Grafana** dashboards
- **Cut** deployment time and enhanced pipeline consistency by 20% by leading the migration to **JFrog Artifactory** across 6+ Agile teams and standardizing workflows across Jenkins
- **Collaborated** with product managers, QA engineers, and ETL data engineers to deliver data-driven features

PROJECTS

AI Career Agent *(Python, Streamlit, LangChain, LLaMA 3.1)* [Link]

- Developed an AI-powered resume analyzer using Large Language model LLaMA 3.1 and LangChain, with a Streamlit UI for real-time feedback based on job descriptions

Real-Time Chat App *(Java, Sockets, Multi-threading, Networking)* [Link]

- Built a multi-client real-time chat system to simulate messaging workloads, featuring custom TCP server, and non-blocking event handling with Java sockets

SKILLS

Programming Languages:	Java, Python, JavaScript, C, C++, SQL, HTML5, CSS
Frameworks & Libraries:	Spring Boot, Node.js, Angular, React
Databases:	MySQL, MongoDB (NoSQL), PostgreSQL
Cloud & DevOps:	Kafka, Docker, AWS (EC2, ECS, Lambda, Cloud Formation), Jenkins, Grafana, JFrog Artifactory
Testing:	JUnit, Rest Assured, Selenium, Mockito
Computer Science Fundamentals:	Data Structures, Algorithms, OOP, Operating Systems, CI/CD, SDLC, Design Patterns

EDUCATION

Bachelor of Engineering (Computer Science)   **Aug 2018 - May 2022**

Jabalpur Engineering College, India

AWARDS & CERTIFICATIONS

- **Excellence Award** - Youngest awardee in the engineering team, Walmart Global Tech India
- **Bravo Award** - For critical contributions to backend returns platform performance, Walmart Global Tech India
- **AWS** Certified Cloud Practitioner, Certified AI Practitioner
- **Oracle Certified Associate:** Java SE 8 Programmer