

Arshdeep Saini

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Skills

Languages: TypeScript, JavaScript, Python, Java, Go, Rust

Frameworks: React, Next.js, Node.js, Flutter, Android SDK

Technologies: Docker, Kubernetes, AWS, Git, Jenkins, Playwright, Jest, Figma, PostgreSQL, MongoDB, Redis

Experience

Frontend Developer, Carousel Studio – Toronto, ON

July 2025 – Present

- Optimized month-1 retention by 45% by researching and implementing an end-to-end design publishing flow using Instagram Graph AI
- Improved roadmap agility by identifying top churn drivers from customer reviews and prototyping feature concepts in Cursor and Figma for executive review
- Reduced model costs and improved uptime by benchmarking LLM providers, standardizing Vercel AI SDK integrations, and implementing automated retry/fallback mechanisms

Software Developer, IBM Canada – Markham, ON

Mar 2023 – Apr 2025

- Led a globally distributed team of 6 to modernize documentation tooling for 430+ IBM products, standardizing workflows and automating builds to boost update frequency from monthly to weekly and raise CSAT by 25%
- Designed and deployed an automated feedback classification system for 2,400+ IBM products, cutting manual triage by 80% through intelligent routing and auto-assignment to engineering teams
- Built CI/CD pipeline on IBM Cloud Toolchain and Code Engine to publish markdown docs with automated QA, cutting deployment time by 75% and reducing broken doc reports from 100+ to under 10 per release
- Elevated engineering culture by enforcing unified engineering stack (Node.js, Next.js, Postgres, Redis, IBM Carbon) to improve cross-team consistency and developer onboarding speed

Full Stack Developer, IBM Canada – Markham, ON

Jan 2022 – Mar 2023

- Migrated 430+ IBM product documentation sets to GitHub and implemented Jenkins/Travis CI/CD pipelines, cutting build times by 90% (2h → 10m) and accelerating release cycles
- Led modernization of a 34-language documentation pipeline across 11 countries, migrating 400+ IBM products to a GitHub-native workflow with zero downtime
- Mentored 3 new hires and 1 apprentice, cutting ramp-up time from 4 weeks to 1.5 weeks via structured learning paths and capstone-based training

Projects

Mobile Bookmarks App

On Google Play

- Designed and launched an Android productivity app with 8K+ installs and 200+ monthly active users
- Integrated Android Custom Tabs to deliver a fast, secure in-app browsing experience

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Education

York University – Major in Software Engineering

January 2022