Ahmed Panju

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Professional Summary

Senior Software Engineer with 8+ years of experience building scalable full-stack applications across web2 and web3. Proven track record delivering production-grade Next.js, React Native, and Node.js apps for top-tier companies including Shopify, RBC, and Red Hat. Passionate about writing clean, scalable code and delivering high-performance applications quickly in fast-paced, high-impact environments.

Tech Stack

Frontend: React, Next.js, TypeScript, React Native, Redux, Context API, Hooks, Tailwind CSS, Styled Components, SASS, Rebass
Backend: Node.js, Express.js, Firebase, Java (Spring Boot), PostgreSQL, Sequelize
Web3: Smart Contract Integration, dApp Architecture, WalletConnect, Ethers.js, Wagmi, viem, MetaMask Snaps, IPFS
AI/ML: Cursor, Windsurf, Claude Code, OpenAI API (ChatGPT Integration), LangChain, Pinecone, Bayesian Networks, Vector Databases, LLM Prompt Engineering
Testing: Jest, Enzyme, Integration Testing
Tools: Git, CI/CD, REST APIs, WebSockets, Agile/Scrum, Jira, Notion
Other: Shopify API, Stripe API, Google Places API

Experience

Senior Software Engineer
Intact Insurance · Full-time — Toronto, ON
May 2025 – Current

- Led development of high-impact internal tools and workflows using Next.js (TypeScript) and Spring Boot, supporting hundreds of internal users across engineering, operations, and business teams.

- Built major client-facing features across both frontend and backend, utilizing libraries such as styled-components, Rebass, and Ramda for efficient component and hook development.

- Pioneered the internal adoption of AI-assisted development workflows, acting as an early champion for tools such as Cursor and Windsurf, and helping define best practices for AI-augmented software development.

Senior Software Developer
Lazer Technologies · Contract Full Time — Toronto, ON
Jan 2022 – May 2025

- Led full-stack development for SaaS applications, web3 platforms, NFT marketplaces, and Shopify apps using Next.js, Node.js, and React Native.

- Architected and launched an NFT platform that onboarded 75,000+ users within 48 hours, generating millions in sales.

- Built and optimized React Native mobile applications for various projects, improving cross-platform performance.

- Designed and implemented scalable smart contract integrations using Ethers.js, WalletConnect, and IPFS.

- Created production-ready UI libraries with React, Tailwind CSS, and Framer Motion to accelerate client delivery.

- Deployed applications to Vercel, AWS, and Docker environments, integrating CI/CD pipelines for rapid releases.

- Collaborated directly with founders, PMs, and designers to scope, architect, and deliver high-impact MVPs and enterprise solutions.

Senior Consultant
Red Hat / Phlyt (Acquired by Red Hat) · Toronto, ON
Jun 2020 – Jan 2022

- Led the end-to-end development of "Academy," an internal onboarding platform built with Next.js and Node.js.

- Designed scalable frontend architecture, built reusable UI component libraries, and implemented backend services and APIs.

- Successfully launched "Academy," which was later adopted and integrated into Red Hat's internal employee onboarding system post-acquisition.

- Collaborated with engineering leadership, product managers, and design teams to scope, deliver, and optimize onboarding workflows across multiple departments.

Senior Software Consultant
RBC · Contract — Toronto, ON
Jun 2020 – Nov 2021

- Developed and maintained internal tools and employee-facing applications using React, TypeScript, and enterprise-grade design systems.

- Integrated complex frontend features with backend services built on Spring Boot, ensuring seamless data flow and performance optimization.

- Wrote and maintained unit and integration tests with Jest to uphold code quality and support continuous delivery pipelines.

- Collaborated with cross-functional teams (backend engineers, QA, DevOps) in an Agile environment to deliver secure, scalable, and compliant solutions.

Software Engineer
Clutch · Full-time — Toronto, ON
Jun 2019 – May 2020

- Developed, owned, and maintained an internal admin panel from scratch using React, Node.js (Express, Sequelize), and PostgreSQL.

- Architected a scalable frontend state-management system leveraging React Context API and custom hooks.

- Built major client-facing features across both frontend and backend, utilizing libraries such as styled-components, Rebass, and Ramda for efficient component and hook development.

- Created RESTful APIs, backend migration scripts, and wrote comprehensive unit and integration tests to ensure application stability.

Education

York University
Bachelor's in Pure Mathematics & Kinesiology and Health Sciences
2014 – 2018