

JONNY LUAN NGUYEN

Full-Stack & Mobile Engineer | Solution Architect | Vancouver, BC

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PROFESSIONAL SUMMARY

Pragmatic Full-Stack & Mobile Engineer with 15+ years of hands-on experience designing, building, and maintaining production-grade web and mobile applications across startups and collaborative product teams. Deep expertise in React Native/Expo, TypeScript, Node.js, Python/FastAPI, GraphQL, and AWS, with a strong record of end-to-end feature delivery and long-term codebase ownership. Genuine passion for writing clean, sustainable code and solving complex business problems without unnecessary over-engineering. Valued for a collaborative approach, clear technical communication, and a dedication to helping cross-functional teams build reliable software that meets real user needs.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, HTML5, CSS3, SQL, Java, C++, Bash/Shell

Frontend & Mobile: React, React Native, Expo, Next.js, Redux, Tailwind CSS, ShadCN UI, Vite, Chakra UI

Backend & APIs: Node.js, FastAPI, tRPC, GraphQL, REST APIs, Prisma, Drizzle ORM

Cloud & DevOps: AWS (EC2, S3, Lambda, RDS, CloudFront), GCP, Docker, Terraform, CI/CD, GitHub Actions, Vercel, Netlify, Cloudflare, DigitalOcean

Databases: PostgreSQL, MongoDB, MySQL, Firebase, Supabase, Redis

AI & Agentic Tooling: Cursor, ClaudeCode, GeminiCLI, Antigravity, Copilot, Ollama, OpenClaw, ComfyUI

Tools: Git, Jira, SVN, Figma, Postman, Jest, Playwright, Cypress, App Store Connect, Google Play Console

EXPERIENCE

FULL-STACK ENGINEER - TIPBOX LTD. - Vancouver, BC | Mar 2021 – Feb 2026

- Led full-stack development of Tipbox, a workflow and collaboration platform for the film & TV industry, using React, Vite, Redux, Node.js, GraphQL, Prisma, AWS, and Terraform.
- Designed and implemented major product features end-to-end - from initial database schema design and API endpoints through to UI delivery and deployment.
- Collaborated directly with product, design, and leadership to define application architecture, prioritize technical debt, and drive long-term scalability.
- Owned release pipelines, CI/CD workflows, cloud infrastructure, and production reliability across a 4-year tenure as a core engineer.
- Stabilized core platform workflows, significantly reducing critical runtime incidents and maintaining system reliability during high-demand production cycles.

FOUNDER & SOFTWARE ENGINEER - TECHLIS SYSTEMS INC. - Coquitlam, BC | Sep 2016 – Present

- Independently designed and shipped multiple production web and mobile products: Maisie Beauty (Next.js/tRPC salon booking), fill.care (daycare staffing platform), Sonaloom (AI music generation prototype), and a multi-country citizenship test app suite.
- Citizenship test apps achieved 500,000+ downloads across iOS and Android with up to 4.8-star ratings; implemented in-app purchases, subscriptions, and AdMob integration.
- Owned full product lifecycle: architecture, frontend, backend, cloud infrastructure (AWS/Vercel), app store operations, and iterative product improvement.

FULL-STACK DEVELOPER - CONVERGENCE CONCEPTS INC. - Vancouver, BC | Jun 2020 – Nov 2021

- Built Lyft Shipping: a real-time logistics platform using AWS, Node.js, MongoDB, React, and React Native, supporting live shipment tracking and routing.
- Designed AWS cloud infrastructure and real-time synchronization flows for operational mobile applications.

SOFTWARE DEVELOPER - NATIONAL FILM BOARD OF CANADA (NFB) - Aug 2018 – Jun 2020

- Developed the NFB Films App and interactive CMS using React Native, Redux, Firebase, and Jest.
- Served as app manager: managed release pipelines, coordinated App Store/Play Store operations, and maintained production reliability in an Agile team environment.

SOFTWARE ENGINEER - ENSEMBLE SYSTEMS INC. - Richmond, BC | Apr 2012 – Feb 2017

- Built mobile and web products including Proteus (health monitoring), Shutterfly photo-sharing, Epix streaming, and Adobe enterprise apps using AEM, Java, AngularJS, and PhoneGap.
- Delivered cross-platform features for enterprise clients in collaborative, cross-functional delivery teams.

WEB DEVELOPER / QA (INTERNSHIP) - HSBC BANK CANADA - Burnaby, BC | Sep 2007 – Jun 2008

- Designed and launched the HSBC North America Support Center website as part of a year-long co-op internship during computer science studies.

EDUCATION & CERTIFICATIONS

Bachelor of Computer Science (BSc) - Simon Fraser University, Burnaby, BC | 2007 – 2011

- Recipient of Provost's Award Scholarship.

Diploma in Computer Programming - Humber College, Toronto, ON | 2003 – 2005

- Honours, GPA 85%+

AWS Certified Cloud Practitioner ◆ AWS Business Professional Certification ◆ Google Analytics Certification