

# JONNY LUAN NGUYEN

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

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## PROFESSIONAL SUMMARY

Senior Full-Stack & Mobile Engineer with 10+ years of experience designing, building, and shipping production-grade web and mobile applications across startups, product teams, and enterprise environments. Deep expertise in React Native/Expo, TypeScript, Python/FastAPI, Node.js, GraphQL, and AWS - with a strong record of long-term product ownership, cross-functional collaboration, and delivering complex features end-to-end. Thrive in senior IC roles where technical depth, product thinking, and consistent execution matter.

## TECHNICAL SKILLS

**Languages:** JavaScript, TypeScript, Python, HTML5, CSS3, SQL

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

**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, Vercel, GitHub Actions

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

**Tools:** Git, Jira, Linear, Figma, Postman, Jest, Playwright, App Store Connect, Google Play Console

## EXPERIENCE

**SENIOR 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, Redux, Node.js, GraphQL, AWS, and Terraform.
- Designed and implemented major product features end-to-end - from API design and database schema through UI delivery and production 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 and ensured continuity of key systems through final production cycle.

**PRINCIPAL ENGINEER & FOUNDER - 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)**

Vancouver, BC | 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 NA 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

**PORTFOLIO & LINKS**

Website: [jonny.com](http://jonny.com) ◆ GitHub: [github.com/jonny](https://github.com/jonny) ◆ LinkedIn: [linkedin.com/in/jonny-nguyen](https://linkedin.com/in/jonny-nguyen) ◆ [maisiebeauty.com](http://maisiebeauty.com) ◆ [fill.care](http://fill.care) ◆ [sonaloom.com](http://sonaloom.com)