

Brian Asael Noh Cocom

Full Stack Software Engineer

TypeScript • C#/.NET • Node.js • AWS • API Integrations

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Professional Summary

Full Stack Software Engineer with experience designing, developing, and maintaining scalable applications using TypeScript, C#/.NET, Node.js, SQL Server, and cloud services. Proven track record delivering production features, API integrations, authentication systems, and modernization initiatives across enterprise and startup environments. Passionate about solving complex technical challenges, improving system reliability, and leveraging AI-assisted workflows to accelerate software delivery while maintaining engineering quality.

Technical Expertise

Backend & APIs

- TypeScript, Node.js, NestJS, C#, ASP.NET Core, REST APIs, GraphQL, Authentication & Authorization, System Integrations, SQL Server, PostgreSQL, MongoDB

Architecture & Systems

- System Design, Legacy Modernization, Production Troubleshooting, Refactoring, Performance Optimization, Technical Tradeoffs, Scalable Architectures

Cloud & Infrastructure

- AWS (Lambda, S3, Elastic Beanstalk, Load Balancers), Docker, CI/CD, Firebase, Azure

Frontend Engineering

- Vue 2/3, Nuxt 2/3, React, Next.js, Tailwind CSS, SSR/SSG, GraphQL, Design Systems, Figma

AI-Assisted Workflow

- Claude Code, ChatGPT, Windsurf, AI-Assisted Development, Debugging, Technical Documentation, Refactoring, Agent Workflows

Experience

Full Stack Engineer (Contract) — SoldNest

Oct 2024 – Present

- Developed and maintained production features for a large-scale real estate platform using **TypeScript, Vue/Nuxt, GraphQL**, and modern frontend architectures.
- Diagnosed and resolved complex production issues involving **SSR/SSG rendering, hydration mismatches, stale data synchronization, and API integration failures**.
- Contributed to **multi-repository migration** and modernization initiatives, improving maintainability and reducing technical debt.
- Implemented and stabilized business-critical features across frontend and backend services, collaborating directly with engineering leadership and product stakeholders.
- Participated in architecture discussions, technical investigations, and production troubleshooting to ensure reliability and performance at scale.

Full Stack Developer — Peopleware MX

Nov 2019 – Oct 2024

- Developed and maintained enterprise applications using **C#, ASP.NET Core, Entity Framework, LINQ, SQL Server, TypeScript, and JavaScript**.
- Designed and optimized **SQL Server databases, stored procedures, migration scripts, and business-critical workflows** supporting payroll and HR processes.
- Built REST API integrations and backend services for internal and customer-facing systems.
- Worked with AWS infrastructure including **Lambda, S3, Elastic Beanstalk, and Load Balancers** to support scalable cloud-based solutions.
- Led the development of integrations with biometric attendance devices (ZKTeco), designing APIs and synchronization processes for real-time data ingestion.
- Participated in modernization initiatives, refactoring legacy systems and improving maintainability, performance, and system reliability.
- Collaborated with cross-functional teams to deliver enterprise features, troubleshoot production incidents, and support mission-critical business operations.

Freelance Android Developer — Asaelix

Oct 2019 – Present

- Designed, developed, and maintained Android applications using **Kotlin, Java, Firebase, and Android SDK**.
- Released production mobile applications to the **Google Play Store**, including an app with **5,000+ users**.
- Implemented **audio/MIDI-related functionality, local data management, analytics, subscriptions, and Firebase integrations**.
- Managed the full software lifecycle, including architecture, development, testing, release management, and post-release support.

Education

Bachelor's Degree in Telematics Engineering — Universidad del Caribe

2013–2021

Professional Technician-Bachelor in Computer Science — CONALEP Cancun II

2010–2013