

Sean Raimiel Tan

Senior Full-Stack Software Engineer

San Jose, San Miguel, Iloilo, Philippines • raimieltan@gmail.com • +63 909 985 1434

PROFESSIONAL SUMMARY

Senior Full-Stack Software Engineer with 6 years of experience designing, building, and scaling cloud-native backend services paired with polished React and React Native frontends. Shipped a production ride-hailing mobile platform (4.3★ on both app stores) with real-time geolocation tracking, alongside multi-tenant SaaS systems on NestJS, Prisma, and PostgreSQL. Proven technical lead, having mentored a team of seven engineers, set architectural direction, and delivered AI-integrated features in agile, remote-first environments across international time zones.

PROFESSIONAL EXPERIENCE

Senior Backend Engineer (Independent Contractor) — MySchool Suite *Jan 2026 – Present*

- Architect and develop the backend of a multi-tenant school-management SaaS on **NestJS, Prisma, and PostgreSQL** inside an Nx monorepo, serving multiple institutions.
- Design RESTful APIs with Swagger/OpenAPI documentation, normalized relational schemas with deliberate indexing, and domain-driven module boundaries.
- Implement authentication, role-based authorization, and FERPA-aware handling of sensitive student data; enforce DTO validation with class-validator.
- Integrate external services and async workflows (Shopify/Printify commerce, Mux + Cloudflare R2 video pipeline) with retry logic, structured logging, and error reporting.
- Enforce engineering quality via SonarQube coverage gates, conventional commits, and rigorous PR review.

Fullstack Software Engineer (Independent Contractor) — Structure Properties *Jan 2026 – Present*

- Build and maintain a property-management SaaS integrating with AppFolio APIs for **near-real-time data synchronization**.
- Implement idempotent sync pipelines (vendor, tenant, property, unit) with robust error handling, Sentry-based observability, and cron-driven batch jobs.
- Ship production features end-to-end across a **Next.js + Node.js** stack, including certification management and operational dashboards.

Fullstack Mobile Developer (Freelance) — Jhelord Taxi Connect *Sep 2024 – Mar 2025*

- **Built and shipped a production ride-hailing mobility platform** on **React Native and Express.js with PostgreSQL**; published on both the Apple App Store and Google Play with a 4.3★ rating.
- Implemented **real-time geolocation tracking** via the Google Maps API, token-based authentication, and push notifications on a high-traffic, latency-sensitive architecture.
- Designed backend services for ride dispatching, user and driver management, and geospatial queries; modeled data for performance under real-time read/write load.
- Owned the full delivery lifecycle: requirements, system design, implementation, app-store submission, and post-launch iteration.

Lead Software Engineer — Prometheus *2024 – Feb 2026*

- **Led a team of 7 engineers** across multiple concurrent projects, including AI-integrated platforms and SaaS products.
- Delivered a Retrieval-Augmented Generation (RAG) solution using Azure AI Search, integrating LLM-based inference with enterprise knowledge sources.
- Deployed production REST APIs to Azure with containerized Docker builds, CI/CD pipelines, and monitoring; recommended stacks and set coding standards for new projects.
- Translated product requirements into technical user stories, ran sprint planning, and mentored junior engineers through code review.

Frontend / AI Software Engineer — Mevvn2024 – Dec 2025

- Designed and shipped AI-driven web applications with a focus on inference performance, scalability, and reliability.
- Integrated machine-learning models into production services, exposing them through REST endpoints consumed by web and mobile clients.
- Built backend components and data-handling utilities wrapping modern AI/LLM frameworks, applying prompt engineering patterns and model versioning practices.

Associate Software Engineer — Prometheus2023 – 2024

- Led full development lifecycle — requirements, UX, backend implementation, and deployment — on **AWS (EC2, Lightsail)**.
- Built backend services including a healthcare accounting system (Prominent-APMC) with strict data-security, auditability, and compliance requirements.
- Implemented CI/CD pipelines and Dockerized services to streamline delivery.

Fullstack Developer (Freelance) — Aly 3D PrintsApr 2025 – May 2025

- Built n8n-driven automation agents and AI-assisted workflows to streamline business operations and customer interactions.

Software Engineer Intern — Kaya Founders2022 – 2023

- Built a fullstack e-commerce platform for digital art (React.js + Node.js) at an early-stage startup studio.

Instructor / Trainer & Content Creator — Stacktrek Enterprise2019 – 2023

- Trained aspiring developers in fullstack web development, Python, and modern backend frameworks; authored programming challenges and automated assessments.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, Java, C#

Backend & APIs: Node.js, NestJS, Express.js, Prisma, Django, Flask; RESTful API design, Swagger/OpenAPI, GraphQL, microservices, async processing, webhook-driven integrations, system design, caching, performance tuning

Frontend & Mobile: React.js, Next.js, React Native, Expo, Tailwind CSS; real-time geolocation (Google Maps API), push notifications, token-based authentication

Databases: PostgreSQL (schema design, indexing, query optimization, migrations), MySQL, MongoDB, Firebase; SQL and NoSQL data modeling

Cloud & DevOps: AWS (EC2, Lightsail, S3), Azure (REST APIs, AI Search), Docker, CI/CD (GitHub Actions, GitLab CI, Bitbucket Pipelines), Sentry, SonarQube

AI / ML: Production LLM integration, Retrieval-Augmented Generation (RAG), prompt engineering, Azure AI Search; working familiarity with Hugging Face, PyTorch, and TensorFlow ecosystems

Architecture & Tooling: Distributed system patterns, Nx monorepos (pnpm), domain-driven service boundaries, event-driven and cron-based pipelines, observability, Git (GitHub, GitLab, Bitbucket), Postman

Leadership & Methodologies: Team leadership and mentoring, code review, sprint planning, Agile (Scrum, Kanban), remote cross-time-zone collaboration

EDUCATION

Bachelor of Science in Software Engineering — Central Philippine University (2018 – 2023, Dean's Lister)

Regional Science High School for Region VI (2012 – 2018, Graduated with High Honors)