

Floyd Steven Manubag

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Experience

Software Engineer | Hatchit Solutions

Sept 2023 - Present

- Implemented agentic AI patterns into my development cycle, reduced task cycle time by over 80%.
- Optimized frontend deliverables with Next.js through memoization, lazy loading, image optimization, SSR/SSG, caching, and component-based architecture.
- Pioneered mobile app development with Expo/React Native, established coding standards, build profiles, and deployment practices.
- Built Express, and NestJS RESTful services, maintaining P95 latency under 200ms through load testing with Grafana k6.
- Streamlined deployments for self-hosted environments through Bitbucket Pipelines, cutting deployment time by **50%**.

Software Developer Intern | Skanlog.ph

Feb 2023 - June 2023

- Gained practical experience in logistics workflows, software development standards, and full-stack application delivery.
 - Developed a truck slot booking management system using Vue.js and ASP.NET Core to support scheduling and yard operations.
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Skills

Languages | Javascript, C#, Python

Frontend | HTML, CSS, TailwindCSS, Next.js, React, React Native, Vue.js, Tanstack, Zustand, Redux

Backend | Node.js, Express, NestJS, Supabase, Sequelize, Prisma, Drizzle, BullMQ, ASP.NET Core

Database, Cloud | MySQL, PostgreSQL, SQLite, MSSQL, Redis, Docker, Cloudflare, Coolify, Vercel

AI | Anthropic, OpenAI, n8n

Developer Tools | Jest, Grafana k6, Expo, Git, Github, Bitbucket, Turborepo, Figma, Postman, Apple Developer, Sentry

Projects

Digits | Next.js, TailwindCSS, NestJS, MySQL, Bitbucket, Coolify, Expo

- Built a local-first Point-of-Sale mobile app integrated with an existing ERP Platform that managed 10,000+ SKUs.
- Developed RESTful services for POS integration and implemented BullMQ-based report generation queues to support scalable, asynchronous background processing.

MarketLink | Next.js, TailwindCSS, NestJS, PostgreSQL, Bitbucket, Coolify

- Built an LGU-mandated produce trading platform that managed daily transactions averaging 2 tons of produce per week with Next.js, and NestJS services.
- Implemented automated CI/CD via Bitbucket Pipelines reducing deployment time by 50%, and load-tested backend services to maintain p95 latency under 200ms for high-traffic trading days.

Surgtech | Express.js, Supabase, React Native, Expo, Apple Developer

- Built a cross-platform internal mobile app for a Surgical Supply Company that streamlined surgical supply requests for 30+ surgeons in Cebu, Philippines.
- Implemented real-time updates, push notifications, and live chat with Supabase websocket to improve coordination and reduce request delays. Published as an unlisted app into the App Store.

Education

University of San Carlos

2023

Bachelor of Science in Computer Engineering

Researched on Parametric Analysis of Wifi CSI for Crowd Density Estimation Application