Allen O. Ponce de Leon

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Employment History

Jul 2025 - Present

Senior Software Engineer Monstro.

Building a comprehensive gym and fitness studio management SaaS platform. • Implemented real-time chat features using Supabase Realtime Broadcast, groups and community functionality with posts, comments, and reactions • Built manual invoicing system, calendar scheduling with multi-session support, and attendance tracking with holidays and makeup classes • Developed backend API routes using Bun and Elysia.js, including notification queues with BullMQ and Stripe payment integrations • Refactored authentication flows with BetterAuth and implemented Supabase RLS with JWT signing.

Aug 2022 - Present

Software Engineer Freelance/Contractual.

• Planned out, implemented, and deployed different websites and software solutions for various different local and international clients • Recent project: YTA (YouTube Automation) - An AI-powered video generation platform using Google Veo 3.1, OpenAI, and Anthropic APIs • Built FFmpeg-based video processing pipeline with scene animation, audio generation, subtitle features, and chroma keying • Implemented async job queueing, real-time generation status updates, and advanced video effects (Tech: Next.js 15, React 19, AI SDK, FFmpeg, Supabase, Drizzle ORM, BetterAuth).

Aug 2024 - Jul 2025

React Developer Agridence.

Implemented several features on front-end that dealt with various volumes and shapes of data (tabular and form) making use of MUI Table and React Hook Form components • Collaborated closely with back-end and design teams to make sure that product and feature requirements are 100-percent satisfied • Improved accessibility, raised test coverages, and refactored Jest test setups.

Aug 2022 - Aug 2024

Software Engineer Optum.

Implemented improvements and new feature sets to internal UI packages, integrated microservices and data sources, and integrated Adobe Analytics for better observability. • Solved and debugged critical OAuth issues, integrated new authentication paradigms, and worked on internal authentication library. • Improved accessibility, raised test coverages, and refactored Jest test setup, while aiding in micro-product development and debugging, and collaborating with DevOps for CI/CD and Sonar integrations.

Mar 2022 - Aug 2022

Front-End Engineer 25SQM.

• Implemented a newer version of legacy system (SIMS Dashboard) in React Typescript • Restructuring of data in database • Creating company's website from scratch with NextJS.

Dec 2020 - Mar 2022

Web Developer Small Business Solutions.

• Created and maintained numerous websites with different functionalities and requirements for international clients • Utilized knowledge of web technologies to improve/fix existing problems within customers' websites.

Aug 2020 - Jun 2021

Web Designer/Web Developer Affinity PH.

• Created and maintained numerous websites with different functionalities and requirements for international clients • Utilized knowledge of web technologies to improve/fix existing problems within customers' websites.

Employment History (continued)

Jun 2019 - Jul 2019   **Full-stack Engineer Intern** Chatbot PH.

Education

2015 – 2024   **University of The Philippines** Los Baños.
BS Computer Science: *Completed 142 Units of Course Work*

2011 – 2015   **Rogationist College** Tagaytay.

Skills

Frontend   NextJS, React, Typescript, TailwindCSS, Radix UI, TanStack Query, Material-UI

Backend/Cloud   Bun, Elysia.js, NodeJS, Supabase, PostgreSQL, Drizzle ORM, BullMQ, Stripe, AWS S3, Azure, AI SDK, OpenAI, Anthropic, Google GenAI, FFmpeg