# Carlo Antonio Taleon

Iloilo, Philippines • carloantonioct@gmail.com
[carlo.vercel.app](carlo.vercel.app) • [linkedin.com/in/carlotaleon](linkedin.com/in/carlotaleon) • [github.com/blankeos](github.com/blankeos)

## EDUCATION

**West Visayas State University**
B.S. Computer Science, Artificial Intelligence major
- GWA 1.12 (2nd Highest in the University)
- Summa Cum Laude

## WORK EXPERIENCE

**Senior Full-Stack Software Engineer**                                             Jul 2023 – Present
The Pique Lab Lte. (Singapore, Remote)
- Migrated a large CRA codebase to Vite, **reducing build times from 6 minutes to 2 minutes**. Also improved dev server cold starts from **2 minutes to 0.5 seconds**.
- Worked on a variety of projects from CRM/ERP webapps (React), backend services (GraphQL), mobile apps (React Native), and realtime VoIP and SMS communication services (Twilio).
- Optimized encryption/decryption which reduced durations by **98% (30s to 0.5s)** for protecting our data.
- Practiced Domain-Driven Design (DDD) in the backend.
- Migrated a legacy React Native CLI app to pure Expo with pre-builds, improving integrations with native dependencies, streamlining deployments to TestFlight with GitHub Actions, and **saving up more than 3+ on EAS build credits per month**.

**Software Developer Trainee**                                                       Jan – May 2023
Spring Valley Tech Corp. (Bago City, Philippines)
- Led a team of 5 developers as the Tech Lead in a startup project encompassing a mobile app, an admin dashboard, and a backend service.
- Automated the API documentation workflow which improved productivity by **200%**.
- Tech Stack: Flutter, React.JS, Next.JS, TypeScript, tRPC, PostgreSQL, Prisma

## SKILLS

**Languages:** TypeScript, JavaScript, Dart, Python, Go, C#, SQL

**Web & Mobile:** React.JS, NextJS, SvelteKit, SolidJS, TailwindCSS, SCSS, Redux, React Native & Expo, Flutter, TanStack

**Backend:** NodeJS, Express, Hono, tRPC, GraphQL, Socket.io, FastAPI, Flask, Prisma, Drizzle, Kysely, Go

**Databases:** PostgreSQL, SQLite (Turso), MongoDB, Firebase, CockroachDB, MySQL

**CMS:** Wordpress, PayloadCMS, Prismic, Strapi

**Infrastructure & DevOps:** Linux, AWS S3, SES, VPS, Sentry, Vercel, Docker, Git, Github Actions, Vitest, Playwright

**Machine Learning:** Keras, Tensorflow, PyTorch, Google Colab

## PROJECTS & OSS Contributions

**ScolioVis.app** *(scoliovis.app)*
An AI-based scoliosis measurement tool with **91% accuracy**. My undergrad thesis. Trained the models from 600+ spine images. Made with Next.JS, FastAPI, PyTorch, Zustand, Google Colab.

**Resonate** *(resonate-social.vercel.app)*
An audio-based social app. Made with SvelteKit and Convex.

**Spring Solid** *(npmjs.com/package/spring-solid)*
An npm package that enables you to do spring animations in SolidJS. I ported it from Svelte.

**Open Source**
Made some contributions on **Vike** (A framework-agnostic NextJS alternative) and **Solid Sonner** (toast notifications for SolidJS)