Carlos Daniel V. Chico

Full-stack developer, backend-leaning

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Full-stack developer with three years of professional work, most of it on backends. I build TypeScript services on AdonisJS and MySQL, have shipped a React Native app, and write Go for the network controller that runs my home network. I picked up Java and Spring Boot in five days to get my first backend role.

EXPERIENCE

Software engineer · Mine

Jun 2025 to present

Live-shopping marketplace where sellers run auctions on stream.

- Load-tested the auction purchase path and reworked it. One product went from 6 to over 32 purchases a second, with 10 statements under the row lock instead of 22 and the round-close deadlock gone.
- Built pinned messages in livestreams and DMs, go-live push notifications sent in FCM batches of 500, payout holds for new sellers, and account deletion that keeps financial records intact.
- Also work on the seller-facing and internal web dashboards, in React with TanStack Query and Tailwind.

AdonisJS · TypeScript · MySQL · React · AWS · Socket.IO · FCM

Frontend developer · Thundr, TRE Ventures (Tanders Inc.), Parañaque

Jan 2025 to Feb 2026

- First React Native role. Reworked parts of the dating app's UX, improved app performance and built Thundr Safe Spaces.
- Helped the incoming backend developer finish the service rewrite I had started.

React Native · TypeScript

Backend developer · Thundr, TRE Ventures (Tanders Inc.), Parañaque

Feb 2024 to Nov 2024

Joined to build internal apps and marketing sites, then moved to backend in March after passing the solutions architect's evaluation.

- Cut card-feed load time from about 5s to 2s by removing an N+1 chain where each card fetched its user and each user fetched profile details.
- Cut presigned S3 URL requests from 30s to about 5s by sharing one S3 client instead of starting one per request under ECS task credentials.
- Built payments on Maya Business, face verification with AWS Rekognition, and a Community service for feeds and groups, all on AdonisJS v6, which I chose. Designed Community in Figma with the frontend developer and QA.
- Rewrote matching, chat and suggested matches as one AdonisJS service with indexed MySQL filtering on a normalized match table. Responses went from 2 to 5s, with timeouts, to a steady 400ms.

Java · Spring Boot · AdonisJS · AWS ECS · S3 · Rekognition · MySQL · DynamoDB · also built thundr-web in React

Software developer · Intellect Philippines, Ortigas Center

Nov 2023 to Feb 2024

- Worked on IntelliResource, a CRM suite with a React frontend and a Laravel backend, used by construction workers at Fonda Global Engineering, the group behind Intellect Singapore and its Philippine branch.
- Fixed performance problems and added JSDoc types that made the codebase easier to work in.

React · JavaScript · Laravel

PROJECTS

Perch github.com/capthndsme/perch-controller

Open-source controller for OpenWrt home networks. A Go collector on the router classifies traffic with libpcap and nDPI, a daemon runs on each access point, and an AdonisJS and React dashboard ties them together. Agents dial out over WebSocket, so no device needs an open port. v1.0, MIT.

expo-liquid-glass-ui github.com/capthndsme

iOS 26 Liquid Glass for React Native. Apple's own glass on iOS 26, Metal on older iOS, and an AGSL port for Android 13 and up, with a tab bar, switch, slider and bottom sheet.

cloudx in progress

Hub for my Claude and Codex sessions, run from a phone.

SKILLS

Languages	TypeScript, JavaScript, Go, Java, Swift, Kotlin, PHP, SQL, Bash
Backend	AdonisJS, Node.js, Spring Boot, Laravel, Socket.IO, MySQL, MariaDB, DynamoDB
Frontend	React, React Native, Expo, TanStack Query, Tailwind, Figma
Infra	AWS (ECS, S3, Rekognition), Cloudflare, Docker, Linux, OpenWrt, GitHub Actions

EDUCATION

BS Computer Engineering

STI College Carmona, 2019 to 2023

Thesis and commissions included face-recognition attendance with door unlock and a GPS and LTE motorcycle tracker with remote lock.