

# Nethan Gabriel B. Bagasbas

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## SUMMARY

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Full-stack JavaScript developer and BS Computer Science graduate (June 2026) with internship experience at a B2B software development firm. Built **30+** full-stack projects across **1,000+** hours of self-directed study through The Odin Project, specializing in React, Next.js, TypeScript, Node.js, Express, and PostgreSQL.

## TECHNICAL SKILLS

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|------------------------------|---|
| <b>Languages</b>             | TypeScript, JavaScript, PHP, SQL, HTML5, CSS3                           |
| <b>Frontend</b>              | React, Next.js, Zustand, TanStack Query, shadcn/ui, Tailwind CSS        |
| <b>Backend</b>               | Node.js, Express.js, Laravel, Prisma, Socket.IO, JWT, Zod, RESTful APIs |
| <b>Databases</b>             | PostgreSQL, MySQL, Supabase, Upstash Redis                              |
| <b>Tools &amp; Platforms</b> | Git, Docker, Jest, Vercel, DigitalOcean, Cloudflare R2                  |

## EXPERIENCE

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### Syntactics Inc.

Cagayan de Oro City, Philippines

Full-Stack Developer Intern

June 2025 – Aug 2025

- Refactored a multi-specialty EMR platform (Laravel + Next.js) serving **25+ client deployments** by consolidating initialization logic from **20+ modules** into a single shared hook, eliminating **~95% of duplicated code** and streamlining cross-client updates.
- Translated Figma designs into responsive React + Tailwind CSS pages for an employee training platform, extracting **reusable component patterns** that standardized UI across the project and accelerated subsequent page development.
- Engineered Laravel REST API endpoints with multi-filter sortable data tables and **Cloudflare R2** file-upload integration, offloading binary assets from the primary database and reducing production storage growth.

## PROJECTS

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### Calibrate AI — AI-Powered Job Application Tracker

Mar 2026 – Jun 2026

Next.js 16 · React 19 · TypeScript · PostgreSQL · Prisma 7 · Better Auth · Vercel AI SDK · Upstash Redis

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- Developed a production-ready **AI-powered job application tracker** featuring resume analysis, AI resume enhancement, analytics dashboards, and resume version history with score progression tracking.
- Built a schema-constrained AI evaluation system using **Vercel AI SDK**, **Mistral AI**, and Zod, implementing a custom **4-tier scoring rubric** that produces deterministic, structured resume-fit assessments and skill-gap analysis.
- Optimized serverless performance by adopting Prisma's PostgreSQL driver adapter and implemented **Redis-backed sliding-window rate limiting** plus ownership-based authorization across all application data paths.

### Chirper — Social Media Platform

Oct 2025 – Mar 2026

React · Next.js · Express.js · TypeScript · PostgreSQL · Prisma · Supabase · Socket.IO

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- Engineered a full-featured social media platform as a **pnpm monorepo** with a Next.js 16 frontend, Express 5 backend, and shared TypeScript packages, supporting posts, follows, bookmarks, notifications, user profiles, and direct messaging.
- Implemented real-time messaging and notification delivery using **Socket.IO** with JWT cookie authentication, **connection-state recovery**, and optimistic UI updates for responsive user interactions.
- Designed and deployed a layered **Controller-Service-Repository** architecture spanning **10 business domains** and **40+ REST endpoints**, backed by PostgreSQL, Prisma, Supabase Storage, and Dockerized infrastructure on DigitalOcean.

## EDUCATION

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### University of Science and Technology of Southern Philippines

Cagayan de Oro City

Bachelor of Science in Computer Science

Expected June 2026

- Dean's List—Awarded for academic excellence across **4** semesters.
- Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming, Database Systems, Networks & Communications, Information Assurance & Security, Software Engineering, Operating Systems