

# John Lester Escarlan

jlescarlan11@gmail.com    linkedin.com/in/john-lester-escarlan    github.com/jlescarlan11  
johnlesterescarlan.netlify.app

## Technical Skills

---

**Languages:** TypeScript, JavaScript, Python, Java, C, C++, C#, Go, SQL, Bash

**Frontend:** React 18, Next.js, React Native (Expo), TanStack Query, Redux, Tailwind CSS, Jest, Vitest

**Backend:** Node.js, Express.js, Spring Boot, ASP.NET Core MVC, RESTful API Design, JWT/OAuth2

**Databases:** PostgreSQL, PostGIS, MySQL, MongoDB, SQLite, Redis, Elasticsearch, Drizzle ORM, Prisma ORM

**DevOps & Cloud:** Docker, Kubernetes, GitHub Actions, AWS, CI/CD

**Tools:** Git, Postman, Jira, Figma

## Professional Experience

---

### Freelance Software Engineer

*Jan 2026 – Present*

*Remote*

- Diagnosed and resolved production-blocking issues under time pressure, directly restoring system workflows for end users.
- Strengthened internal developer experience by overhauling automation tooling, cutting repetitive manual steps for the engineering team.

### Software Monitoring Engineer

*Jun 2025 – Jan 2026*

*Wind's Gate Philippines — Cebu City*

- Owned uptime visibility for distributed production systems, catching and escalating incidents before they impact end users.
- Traced root causes from raw logs and alerts, turning ambiguous system noise into actionable incident reports for engineering teams.

### Software Engineer Intern

*Jun 2025 – Jul 2025*

*Alliance Software Inc. — Cebu City*

- Delivered features that passed production code review standards at one of the Philippines' largest software firms.

### Full-Stack Developer Intern

*Sep 2024 – Nov 2024*

*Bayoa Analytics — Remote*

- Applied mathematics-informed thinking to identify and fix N+1 query patterns and schema inefficiencies, measurably improving backend response performance.

## Selected Projects

---

### HEALTH — AI-Assisted Triage & Offline Care Guide

[github.com/jlescarlan11/health](https://github.com/jlescarlan11/health)

*React Native, Node.js, Express, Prisma, PostgreSQL, SQLite*

- Built a civic health app addressing real gaps in Naga City's healthcare access, earning Semi-Finalist recognition at the 1st Naga City Mayoral Hackathon as Project Lead.
- Made a deliberate architectural decision to safety-gate AI responses — emergency triage falls back to deterministic logic to eliminate hallucination risk in life-critical scenarios.
- Solved the offline-access problem with SQLite local persistence and background sync, keeping the app functional for users with no reliable internet connection.

### Krawl — Cultural Discovery Progressive Web App

[github.com/jlescarlan11/project-krawl](https://github.com/jlescarlan11/project-krawl)

*Next.js, TypeScript, Spring Boot, PostgreSQL/PostGIS*

- Architected a local discovery platform where residents mark hidden gems — restaurants, landmarks, spots — so tourists can explore a place the way locals actually experience it.
- Powered the “gem” proximity system with PostGIS spatial queries, serving location-aware results through a Spring Boot REST API consumed by a Next.js PWA installable on any device.

### PriceCraft — Live Profit Pricing Calculator

[github.com/jlescarlan11/pricecraft](https://github.com/jlescarlan11/pricecraft)

*React, TypeScript, Supabase, Vitest*

- Designed for real-world use by small businesses, supporting both markup and profit margin strategies with live calculation and Supabase-backed persistence.

## Education

---

University of the Philippines

Aug 2025 – Present

B.S. Computer Science

- University Scholar (consistent academic honor)
- Semi-Finalist, 1st Naga City Mayoral Hackathon

**University of the Philippines**

Sep 2022 – Jun 2025

B.S. Mathematics

- College Scholar (consistent academic honor)
- DOST Junior Level Science Scholarship (JLSS) Awardee

## Certifications

---

**Amazon Junior Software Developer with Generative AI**

Oct 2025

[coursera.org/account/accomplishments/specialization/PLMC59Z3XNB9](https://coursera.org/account/accomplishments/specialization/PLMC59Z3XNB9)

**Agile Project Management — Google**

Sep 2025

[coursera.org/account/accomplishments/verify/QYUV5C56WQCV](https://coursera.org/account/accomplishments/verify/QYUV5C56WQCV)