

John Lester Escarlan

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Cebu City, Cebu, PH

PROFESSIONAL SUMMARY

Full-stack developer with 2 years of hands-on experience building and maintaining production web applications using React.js, Node.js, and MongoDB. Skilled at owning features end-to-end, from database design to frontend implementation and cloud deployment. Experienced with REST APIs, environment management, and deploying to Railway and Vercel. Eager to learn VPS-based infrastructure, reverse proxy configuration, and long-running server management. Reliable communicator who delivers working solutions and collaborates effectively with development teams.

TECHNICAL SKILLS

Frontend: React.js, Next.js, TypeScript, JavaScript (ES6+), HTML/CSS, Tailwind CSS, React Native

Backend: Node.js, Express.js, REST APIs, FastAPI, Spring Boot, ASP.NET

Databases: MongoDB, PostgreSQL, MySQL, Prisma ORM, Supabase

Deployment & Infrastructure: Railway, Vercel, AWS, Docker, Firebase, Environment Variables Management

Tools: Git, Postman, VS Code, Slack, Jira, Figma

Currently Learning: VPS deployments (Linux/Windows), Reverse proxy setup, HTTPS configuration

EXPERIENCE

Software Monitoring Engineer

June 2025 – Present

Cebu City, PH

Wind's Gate Philippines

- Built monitoring dashboards and automated alerting systems that reduced system downtime by 30%, working with REST APIs and real-time data processing
- Developed diagnostic tools that decreased incident resolution time by 60%, requiring coordination across frontend interfaces and backend services
- Maintained production systems and collaborated with cross-functional teams via Slack and Jira to implement continuous improvement workflows
- Designed performance analytics features that transformed technical metrics into actionable business insights for stakeholders

Software Engineer Intern

June – July 2025

Cebu City, PH

Alliance Software Inc.

- Delivered 3 production features using C# and ASP.NET for 500+ enterprise users, implementing automated testing to ensure code quality
- Improved development workflow by introducing testing frameworks and best practices across the team
- Collaborated with senior engineers to translate business requirements into working technical solutions

Full-Stack Developer Intern

September – November 2024

Cebu City, PH

Bayoa Analytics

- Optimized database performance by 50% through schema redesign and query improvements, working directly with PostgreSQL
- Built 5 RESTful API endpoints for CRM functionality using Node.js and Express, enabling better data flow across systems
- Worked with stakeholders to identify pain points and delivered solutions that improved operational efficiency

TECHNICAL PROJECTS

Health Navigator | React Native, Node.js, MongoDB, REST APIs, Firebase |

Mobile Health Platform

- Built a cross-platform mobile app using React Native with Node.js backend and MongoDB database for health data management
- Developed REST APIs with Express.js to handle user authentication, symptom assessment, and facility data synchronization
- Implemented offline-first architecture with local persistence and cloud sync, ensuring app reliability in low-connectivity environments
- Deployed backend services to cloud infrastructure with Firebase authentication and managed environment variables for secure API access

Pricing Calculator App | React, TypeScript, Supabase, Vitest |

Full-Stack Cost Analysis Tool

- Built a React-based pricing calculator with real-time cost breakdowns, deployed to Vercel for instant production access
- Integrated Supabase for user authentication and database storage, implementing secure session management and data persistence
- Created multi-variant comparison features allowing users to analyze up to 3 product configurations simultaneously
- Wrote comprehensive unit and integration tests using Vitest to ensure calculation accuracy and UI reliability

Krawl | Next.js, TypeScript, Java, Spring Boot |

Community Progressive Web App

- Developed a location-based PWA using Next.js frontend with Spring Boot REST APIs for real-time user-generated content
- Designed interactive trail mapping system with offline functionality, managing state across frontend and backend services
- Deployed to Vercel (frontend) and Railway (backend), configuring environment variables and managing API endpoints

EDUCATION

University of the Philippines

Bachelor of Science in Computer Science

Cebu City, PH

August 2025 – Present

University of the Philippines

Bachelor of Science in Mathematics | DOST JLSS Scholar | Consistent College Scholar September 2022 – June 2025

Cebu City, PH

CERTIFICATIONS

Amazon Junior Software Developer with GenAI | Amazon

Oct 2025

- Credential ID: PLMC59Z3XNB9 | [View Certificate](#)

Agile Project Management | Google

Sep 2025

- Credential ID: QYUV5C56WQCV | [View Certificate](#)

AVAILABILITY & COMMUNICATION

Available for part-time work (20+ hours/week) with flexibility to transition to full-time. Responsive communicator via Slack during business hours (Mon–Fri). Committed to delivering reliable, production-ready code and maintaining clear project updates.