

John Lester Escarlan

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TECHNICAL SKILLS

Languages: C, C#, CSS, HTML, Java, JavaScript, Python, R, TypeScript

Frameworks/Libraries: Bootstrap, Express.js, FastAPI, Jest, Next.js, Node.js, React, Spring Boot, Tailwind CSS

Tools: AWS, Docker, Figma, Git, IntelliJ IDEA, Jira, Kubernetes, MongoDB, MySQL, Netlify, PostgreSQL, Postman, Railway, Redis, Render, Slack, Vercel

EXPERIENCE

Software Monitoring Engineer

June 2025 - Present

Wind's Gate Philippines

- Reduced system downtime by 30% through proactive monitoring and early issue detection across multiple enterprise applications.
- Resolved critical database failures and server crashes within 15 minutes average response time, minimizing business impact.

Software Engineer Intern

June - July 2025

Alliance Software Inc.

- Delivered 3 production-ready features using C# and ASP.NET, improving application functionality and user experience for enterprise clients
- Enhanced code quality by 40% through systematic code review processes and implementation of best practices across development teams

Full-Stack Developer Intern

September - November 2024

Bayoa Analytics

- Optimized database performance by 50% through strategic schema redesign and query optimization, reducing data retrieval time significantly
- Built 5 RESTful API endpoints for CRM functionality, improving data accessibility and system integration capabilities

PROJECTS

[Eduverse](#) | .net, bootstrap, c#, javascript, razor, supabase

Learning Management System

- Built a comprehensive Learning Management System with role-based access control, course management, and real-time progress tracking capabilities.
- Optimized database queries and implemented caching strategies, achieving 40% faster page load times and supporting concurrent user sessions.

[Blog It](#) | next.js, prisma, radix ui, tailwind css, typescript

Content Management System

- Developed a modern blogging platform featuring real-time markdown editing, live preview, and comprehensive content management capabilities.
- Implemented advanced React patterns including custom hooks, context API, and optimized re-rendering, resulting in smooth user interactions and fast content loading.

[Talarama](#) | next.js, prisma, daisy ui, tailwind css, typescript

Full-Stack Application

- Created a full-stack web application featuring real-time data synchronization, file upload capabilities, and comprehensive user dashboard with modern UI/UX design.
- Optimized application performance through code splitting, lazy loading, and responsive design, achieving 90+ Lighthouse scores across all performance metrics.

EDUCATION

Bachelor of Science in Computer Science

August 2025 - Present

University of the Philippines

Bachelor of Science in Mathematics

September 2022 - June 2025

University of the Philippines