John Lester Escarlan

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SUMMARY

Software engineer with mathematics and computer science expertise, building scalable web applications through clean, maintainable code and systematic problem-solving.

TECHNICAL SKILLS

Languages: C, CSharp, Java, JavaScript, Python, R, TypeScript
Frameworks/Libraries: .NET-core, Bootstap, Next.js, React, Spring Boot, Tailwind CSS
Tools: Figma, Git, IntelliJ IDEA, MySQL, PostgreSQL, Slack

EXPERIENCE

Software Monitoring Engineer   June 2025 - Present
Wind's Gate Philippines

- Monitor and analyze system performance across multiple applications, identifying critical issues and bottlenecks to ensure optimal system reliability.
- Investigate and troubleshoot complex technical problems including database connection failures, server crashes, and application errors.
- Collaborate with development teams to implement preventive measures and optimize system performance based on monitoring insights.

Software Engineer Intern   June - July 2025
Alliance Software Inc.

- Contributed to software development projects using C# and ASP.NET frameworks while maintaining high coding standards through active participation in code reviews
- Collaborated with development teams to enhance code quality and streamline project workflows through effective project management practices

Full-Stack Developer Intern   September - November 2024
Bayoa Analytics

- Contributed to database optimization efforts, focusing on schema refinement for improved query performance
- Implemented API endpoints for CRM functionality, participating in debugging and testing processes
- Supported full-stack development team in delivering enhanced pipeline management features

PROJECTS

Eduverse | *.net, bootstrap, c#, javascript, razor, supabase*   June 2025

- Developed a comprehensive learning management platform featuring role-based authentication and dynamic course administration capabilities.
- Engineered secure CRUD operations with an invite-only registration system to ensure controlled access and data integrity.
- Architected a scalable training category module with seamless database integration using Supabase

backend services.

Blog It | *next.js, prisma, radix ui, tailwind css, typescript* **June 2025**

- Engineered a full-stack blogging platform featuring comprehensive user profiles and interactive social engagement tools.
- Developed robust content management system with real-time post creation, editing capabilities, and threaded commenting functionality.
- Implemented secure user authentication flow and dynamic profile management using modern TypeScript architecture.

Talarama | *next.js, prisma, daisy ui, tailwind css, typescript* **June 2025**

- Developed a secure full-stack application featuring comprehensive user authentication and efficient data management systems.
- Engineered responsive user interface utilizing modern design patterns and component-based architecture for optimal user experience.
- Integrated OAuth authentication flow to streamline user login processes and enhance security protocols.

EDUCATION

Bachelor of Science in Computer Science **August 2025 - Present**

University of the Philippines

- Completed comprehensive coursework in software engineering, data structures, algorithms, and system design
- Developed proficiency in multiple programming languages through hands-on projects and collaborative assignments
- Gained practical experience in system analysis and software development methodologies

Bachelor of Science in Mathematics **Septermber 2022 - June 2025**

University of the Philippines

- Built strong analytical and problem-solving foundation through advanced mathematical concepts
- Applied statistical methods and mathematical modeling to real-world problems
- Developed programming skills for computational mathematics and data analysis