John Lester Escarlan

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Summary

Full-stack developer with a mathematics and computer science background, creating scalable web applications through clean, maintainable code and problem-solving expertise.

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 | *java, system monitoring, log analysis, troubleshooting, slack*   **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 | *c#, asp.net, code review, project management, team collaboration*   **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

Education

Bachelor of Science in Computer Science | *java, javascript, c/c++, sql, software engineering, data structures*   **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 | *problem solving, statistical analysis, python, r, mathematical modeling*   **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

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.

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