

LUIS ANDREI OUANO

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[Linkedin](#) | [GitHub](#) | [Portfolio](#)

PROFILE

Dynamic and adaptable Software Engineer with a focus on web and mobile development. Proficient in building robust, scalable, and user-centric applications using modern technologies and frameworks. Experienced in software development best practices and effective team collaboration, with strong communication and problem-solving skills that support efficient project delivery. Passionate about creating innovative solutions that enhance user experiences while driving business success.

TECHNICAL PROFICIENCIES

Frontend Development	HTML, CSS, JavaScript, TypeScript, React, NextJS
Backend Development	Node.js, Express, ASP.NET, FastAPI, PostgreSQL, Supabase
Other Languages	C, C#, Python
Other Technologies	Git, Linux, Docker, Google Workspace, Microsoft 365

EDUCATION

Bachelor of Science in Computer Science	Aug 2023
<i>University of San Carlos</i>	<i>Talamban, Cebu City, Philippines</i>

EXPERIENCE

Software Developer Intern

Full Scale

- Solved high-priority tickets and user-reported bugs for a critical internal application serving ~400 daily active users, delivering features, bug fixes, and improvements.
- Developed and maintained both frontend (React/Next.js) and backend (ASP.NET Core, C#) components, implementing full-stack features and ensuring seamless integration between client and server systems.
- Diagnosed and fixed Azure production deployment failures by resolving environment configuration conflicts and database migration discrepancies.
- Established unit testing environments for both frontend (Jest w/ ~90% coverage, MSW) and backend (xUnit), with CI integration to automate test execution.

Software Developer

March 2025 - Present

NextStepXSolutions Co

- Developed an advanced medical management system using C#, ASP.NET with MVC architecture, and SQL Server to optimize clinic workflows and inventory operations
- Built a dashboard interface and user-facing UI components to improve usability and streamline healthcare workflows.

- Implemented server-side functions and database logic to ensure efficient data processing and reliable system performance.

Web Developer

September 2024 - Present

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- Developed backend functionalities for a digital archiving system with Next.js and Firebase, enabling secure storage, retrieval, and management of organizational records.
- Implemented user authentication and access control to ensure secure logins and protect sensitive content.
- Designed and developed frontend components to deliver a clean, intuitive interface for staff and contributors

PROJECTS

FlashPDF (TypeScript, Next.js, Prisma, Supabase) [Link](#)

July 2025

- Developed a full-stack web application that transforms PDF content into AI-generated flashcard using Next.js and TypeScript for a responsive and efficient user experience.
- Implemented a scalable backend with Supabase for authentication and data storage, and Prisma ORM for optimized database interactions.
- Integrated the Google Gemini API to generate structured, context-aware flashcards, combining AI-powered text processing with custom logic for reliable output.

Atlas (React, Express, Prisma, Supabase) [Link](#)

December 2024

- Developed a full-stack task management web app that gamifies productivity, enabling users to earn experience, gold, and ranks for completing tasks.
- Implemented the frontend with React, designing dynamic task views and interactive UI components to deliver an engaging and responsive user experience.
- Built the backend with Express, Prisma, and Supabase, exposing RESTful APIs for task management and authentication while ensuring reliable data persistence and real-time synchronization.

CERTIFICATIONS

TOPCIT (Test of Practical Competency in ICT) – Level 2 [Link](#)

June 2025

Ministry of Science and ICT, South Korea

- **Related Skills:** Software Development, Database Design, System Architecture, Networking Fundamentals, and Project Management.