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EXPERIENCE

DOST Calabarzon — Intern Lead Software Developer

February 2025 – May 2025

- Led a team of four to develop a web app for internal and public request tracking for DOST Calabarzon using Agile Scrum.
- Designed scalable backend (**Laravel with Repository Pattern**) and frontend (**Next.js with container pattern**) with structured API calls, TanStack Query, and custom hooks via Context Providers.
- Integrated **recharts** for visualizing task completion, request trends, and task delegation.
- Managed task delegation, sprint planning, and documented the full request workflow for maintainability. Collaborated via GitHub for version control and code reviews.

ARXON Solutions, LLC — Lead Software Engineer (Startup Project)

June 2024 – March 2025

- Led a team of 25 developers in improving and maintaining large-scale front-end applications using Git, GitHub, Microsoft Teams, and ClickUp.
- Developed dynamic user interfaces and integrated APIs while implementing unit tests to ensure clean code, maintainability, and adherence to design patterns.
- Maintained strong communication with the stakeholder through daily standups and Agile practices, ensuring on-time delivery of key features.

PhilBizz — Freelance Front-End Developer

September 2024 – November 2024

- Built client-centered web applications using React.js and Tailwind CSS, delivering responsive and modern interfaces.
 - Worked collaboratively in a team of three, leveraging ClickUp for task management and Git/GitHub for source control.
 - Followed Agile Scrum principles to manage tasks and ensure timely delivery of milestones and features.
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Notable Project

Real-Time Water Monitoring System — Full-Stack Developer

December 2024 – February 2025

- Designed a water quality monitoring system using **Next.js, TypeScript and Laravel**, tracking parameters like temperature, pH, and dissolved oxygen.
- Developed real-time data visualization with **recharts** and implementing an architecture for API calls using TanStack Query.
- Created a real-time alert system for anomaly detection in environmental readings.

Map-Pride: A Web-Based Community Portal for LGBTQ+ Individual Profiling with Data Analytics — Full-Stack Developer

June 2024 – September 2024

- Built a mapping system using Google Maps API and React Leaflet to help LGBTQ+ individuals find inclusive safe spaces serving over **50 users**.
 - Developed and implemented data-driven analytics using **Chart.js**, that analyze trends of user engagements, data visualizations of inclusive environments, and data analysis of cases relative to LGBTQ+.
 - Successfully led the deployment of the system using Heroku and as part of a capstone project using Agile Scrum methodologies.
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Competition

(CodeBreak 2.0 Hackathon) — Front-End Developer

May 17, 2025 – May 18, 2025

- Developed and designed a web application for Semicolons AI Copilot using Next.js, TypeScript, Shadcn, and TanStack Query.
- Integrated APIs for authentication, transcript suggestions, and real-time data analytics triggered at the end of calls.
- Collaborated effectively with a team of four to deliver a functional prototype within the hackathon timeframe.

(Gen AI Philippines Hackathon) — Full-Stack Developer

April 2025 – Present

- Building *personalized AI Education Companion*, an AI-powered educational companion that adapts to users' learning styles and emotions.
- Implementing real-time course generation and coaching using generative AI.
- Designing emotional intelligence responses based on user engagement and mood.

(AppCon Competition) — Full-Stack Developer

December 2024 – April 2025

- Built a disaster assistance mobile application using React Native and Laravel to support disaster preparedness, response, and recovery.
 - Developed community-driven forums and service outage reporting to improve information flow during critical events.
 - Collaborated with fellow students specializing in UI/UX design, documentation, and development team to ensure a user-centered solution.
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TECHNICAL & SOFT SKILLS

Languages & Tools:

JavaScript, TypeScript, PHP, Laravel, React, Next.js, Tailwind CSS, HTML, CSS, Git, GitHub, Figma, Chart.js, TanStack Query, Jira, ClickUp

Soft Skills: Effective Communication, Leadership, Adaptability, Problem-Solving, Time Management, Team Collaboration