ZEUS DAVID ELDERFIELD

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LinkedIn | Github | Portfolio

PROFILE

Software Engineer passionate about building user-centered and efficient software applications. Skilled in full-stack development, with a growing interest in machine learning and artificial intelligence. Familiar with agile methodologies and known for a fast-learning curve, adaptability, and problem-solving mindset. Committed to delivering high-quality, scalable solutions that enhance user experience and drive business success.

TECHNICAL PROFICIENCIES

Frontend Development	Typescript, React, NextJS, Angular, Astra
Backend Development	Spring Boot, ASP.NET, Golang, NestJS, Express
Data Science & Machine Learning	Python, Jupyter, Scikit-Learn, Tensorflow, PyTorch
Other Languages	C, C++, Java, C#, PHP
Other Technologies	Git, Google Workspace, Microsoft 365

EDUCATION

Bachelor of Science in Computer Science   Aug 2023
University of San Carlos *Link*   *Cebu City, Philippines*
  - Dean's List (GWA: 1.41)

EXPERIENCE

Software Developer Intern   Jun 2025
Alliance Software Inc. *Link*
  - Selected as one of the top 30 applicants for the competitive Summer Bridging Program.
  - Collaborated in a team of 4 to develop SkillStacker, a knowledge management platform designed to help users train and assess their skills.
  - Handled key backend development responsibilities, implementing core logic and data flow using C# and ASP.NET Razor Pages.
  - Debugged and resolved complex issues across the codebase, often assisting teammates by fixing blockers they couldn't resolve.

Full Stack Developer
Today's Carolinian *Link*   Feb 2025
  - Developed and managed the backend architecture for an archiving system using Next.js and Firebase.
  - Integrated Firebase Authentication to secure user access and ensure role-based permissions.
  - Implemented Firestore Database for efficient content storage and retrieval, optimizing query performance for large datasets.
  - Developed server-side functions to handle data processing, ensuring smooth archiving and retrieval operations.
  - Collaborated with the team to align backend functionalities with editorial and organizational requirements.

PROJECTS

Backend Engineer | Gainz *Link*   Mar 2025
A mobile-first workout tracking app with secure, scalable backend services.
  - Designed and developed a robust backend using Spring Boot, exposing RESTful APIs to support workout tracking features.

- Implemented JWT-based authentication with Spring Security to enforce secure and stateless user access control.
- Integrated MySQL as the backend database, optimizing data persistence, retrieval, and real-time synchronization.

Project Manager and Lead Developer | PhilNITS Mock Exam *Link*   Feb 2025
An online mock exam platform for the PhilNITS FE AM certification.
- Led a team of 5 in designing and developing a responsive reviewer website using Next.js, TypeScript, and TailwindCSS, ensuring a smooth and accessible user experience.
- Structured raw exam content into clean JSON using prompt engineering, enabling efficient rendering and data handling.
- Used by over 100 students, with 2 users placing in the top 3 nationwide in the official PhilNITS FE 2025 exam.

Frontend Engineer | Hermes *Link*   Jan 2025
DCISM's web-based queue management system used by over 900 students
- Developed a responsive front-end using React (TypeScript) and Mantine UI, enabling real-time queue tracking and a smooth user experience.
- Integrated Axios for efficient API communication and implemented secure session management for student logins.
- Collaborated with a team to align functionality with department needs, ensuring a reliable and accessible system through rigorous testing.

Lead Fullstack Engineer | Foamfusion *Link*   Jun 2024
A web-based product management system for an artisanal soap brand.
- Led a team of 4 in developing a full-featured platform using **PHP**, **MySQL**, and **TailwindCSS**, supporting both customer-facing and admin functionalities.
- Built a seamless client interface for browsing products and placing orders, enhancing the overall shopping experience.
- Developed an efficient admin dashboard for managing inventory, processing orders, and tracking customer interactions.

CERTIFICATIONS

TOPCIT (Test of Practical Competency in ICT) – Level 3 *Link*   Jun 2025
Ministry of Science and ICT, South Korea
- **Related Skills:** Software Development, Database Design, System Architecture, Networking Fundamentals, and Project Management

Fundamental Information Technology Engineers Certification *Link*   Apr 2025
Information Technology Professionals Examination Council
- Related Skills: Software Development, Computer Architecture & Operating Systems, Networking, Databases, Information Security, Project Management & IT Strategy

HONORS AND AWARDS

Certificate of Excellence - Bronze *Link*   Apr 2025
Information Technology Professionals Examination Council
- Awarded for achieving the third highest score in the Philippines in the PhilNITS Fundamental IT Engineers Certification Exam.

1st Place SIKAPTala National Collegiate CS & IT Skills Competition 2025 *Link*   Mar 2025
De La Salle University Dasmariñas
- Ranked 1st out of 55 participating schools across the country representing the University of San Carlos.
- Solved 8 Python challenges in under 30 minutes, covering broad algorithmic and mathematical problem types.