

# ZEUS DAVID ELDERFIELD

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[LinkedIn](#) | [Github](#) | [Portfolio](#)

## PROFILE

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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

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### 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

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### Bachelor of Science in Computer Science

Aug 2023

University of San Carlos [Link](#)

Cebu City, Philippines

- Dean's List (GWA: 1.41)

## EXPERIENCE

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### 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

Feb 2025

Today's Carolinian [Link](#)

- 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

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### 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**

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### **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**

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### **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.