

# 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, Astra, TailwindCSS

### Backend Development

Spring Boot, ASP.NET, NodeJS, Express,

MySQL, Postgres, Firebase, Supabase

### Data Science & Machine Learning

Python, Jupyter, NumPy, Pandas, Matplotlib, Scikit-Learn,

Tensorflow, Keras, 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: 1.43)

## EXPERIENCE

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### 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.

### React Developer

Jan 2025

USC Computer and Information Sciences Council - Project Hermes [Link](#)

- Developed the front-end for a queue system website used for enrollment concerns among DCISM students, ensuring a smooth and intuitive user experience.
- Built interactive queue card components to display real-time queue status and student position in the queue.
- Implemented a secure and efficient logout system to enhance user session management.
- Integrated data fetching with Axios, optimizing API communication for real-time updates.
- Utilized React (TypeScript) and Mantine UI components to create a responsive and accessible interface.
- Conducted rigorous quality testing and assurance, identifying and resolving user experience issues.
- Collaborated with the development team to align front-end functionality with project requirements.

## PROJECTS

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**Gainz** (Java Spring Boot, JWT, Supabase) [Link](#) Mar 2025

*A mobile app for workout tracking*

- Designed and developed RESTful APIs using Java Spring Boot to handle workout tracking functionalities efficiently.
- Implemented JWT-based authentication with Spring Security to ensure secure user authentication and authorization.
- Integrated Supabase as a backend database, optimizing data storage, retrieval, and real-time synchronization.

**Vintage Royale Management System** (React, Typescript, Supabase, TailwindCSS) [Link](#) Oct 2024

*A mobile-based product management system for Vintage Royale*

- Implemented order placement and tracking features to streamline business operations.
- Deployed on Vercel for seamless accessibility and performance.

**Basher** (Rust, React, Typescript, Axios) [Link](#) Jun 2024

*A forum-based web application where all users are anonymous.*

- Developed a forum-based web application where all users remain anonymous, ensuring privacy-focused discussions.
- Integrated Axios for efficient data fetching, enabling seamless communication between the frontend and backend.
- Focused on anonymity and security features, ensuring user identities remain undisclosed.

**Foamfusion** (PHP, MySQL, TailwindCSS) [Link](#) Jun 2024

*A product management system for Foamfusion Soaps*

- Developed a product management system for Foamfusion Soaps, handling both client-side and admin-side functionalities.
- Implemented an intuitive client-side interface, allowing customers to browse and purchase products seamlessly.
- Developed an admin dashboard for managing inventory, orders, and customer interactions efficiently.

**PhilNITS Mock Exam** (NextJS, Typescript, TailwindCSS, Github Workflows) [Link](#) Feb 2025

*An online PhilNITS FE AM Mock Exam*

- Developed an online reviewer website for the PhilNITS FE AM Mock Exam using Next.js, TypeScript, and TailwindCSS to create a user-friendly and responsive platform.
- Utilized prompt engineering to format exam data into structured JSON files, ensuring efficient data handling and presentation.

## CERTIFICATIONS

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**Fundamental Information Technology Engineers Certification** [Link](#) Feb 2025

*PhilNITS, ITPEC*

- Related Skills: Software Development, Computer Architecture & Operating Systems, Networking, Databases, Information Security, Project Management & IT Strategy

## HONORS AND AWARDS

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**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.

**6th Place CodeChum National Programming Challenge 2024** [Link](#) Dec 2024

*CodeChum*

- Ranked 6th out of 64 schools across the country representing the University of San Carlos.
- Demonstrated strong problem-solving skills in a competitive environment, tackling complex algorithmic challenges.