ZEUS DAVID ELDERFIELD

(+63) 917 775 5790 | zdelderfield.work@gmail.com | Mandaue City, Cebu, Philippines
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, 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

Bachelor of Science in Computer Science   Aug 2023
University of San Carlos *Link*   *Cebu City, Philippines*
- Dean's List (GWA: 1.43)

EXPERIENCE

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

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

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

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.