# Dan Chavez

Experienced full-stack developer with over three years of experience in the industry, specializing in back-end.

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## Experience.

### Full-Stack Developer · **xFusion**  Aug 2024 — Present

I collaborate on the development of AI/ML agents for a leading client using Serverless architecture, AWS, JavaScript, Python, and Node.js. I'm actively involved in creating scalable solutions that leverage cutting-edge technologies in the AI and machine learning domain.

- Developing and deploying AI/ML agents using serverless architecture on AWS.
- Implementing machine learning models with Python and integrating them into production systems.
- Building scalable and efficient backend services using Node.js and AWS Lambda.
- Designing and implementing RESTful APIs for AI/ML model interaction.
- Optimizing AI/ML pipelines for improved performance and cost-effectiveness.
- Collaborating with data scientists to productionize ML models.
- Implementing data processing and ETL workflows using AWS services.
- Ensuring code quality through rigorous testing and code reviews.
- Continuously monitoring and improving AI/ML agent performance.

**Technologies:** PHP · CodeIgniter · JavaScript · HTML · CSS · MySQL · WordPress · Figma · cPanel

### Co-Founder and Project Lead · **Develop Kreativity**  Nov 2023 — Present

I lead the design and development of several projects, creating platforms that meet client needs and transforming their concepts into a reality.

- Design and development of user interfaces with HTML, CSS, and JavaScript.
- Back-end and API development with PHP and CodeIgniter 4.
- Full-stack development with WordPress.
- Consumption of REST APIs with JavaScript.
- Modeling and implementation of MySQL databases.

**Technologies:** PHP · CodeIgniter · JavaScript · HTML · CSS · MySQL · WordPress · Figma · cPanel

### Full-Stack Developer (Working Scholar) · **University of Southern Philippines Foundation**  Jun 2023 — Present

I collaborate in the development of system applications for the university and its stakeholders, including an AI/ML chatbot Augi and the USPF Digital app, as well as enhancements to existing system applications.

- Design and development of user interfaces with HTML, CSS, and JavaScript.
- Back-end and API development with PHP and CodeIgniter 4.
- Consumption of REST APIs with PHP and CodeIgniter 4.
- Modeling and implementation of MySQL databases.

**Technologies:** PHP · CodeIgniter · JavaScript · HTML · CSS · MySQL · Bootstrap · jQuery · cPanel · AWS · Git

### Back-End Developer · **MyToolz.net**  Jul 2021 — Dec 2021

I contributed to the design and development of several web tools, including account checkers and content generators, as well as the enhancement of back-end and API infrastructures, improving service speed and the user experience.

- Design and development of user interfaces with HTML, CSS, and JavaScript.
- Back-end and API development with PHP.
- Consumption of REST APIs with JavaScript.
- Modeling and implementation of MySQL databases.

**Technologies:** PHP · JavaScript · HTML · CSS · MySQL · jQuery

## Skills.

### Technologies and tools

PHP, CodeIgniter, JavaScript, HTML, CSS, MySQL, Bootstrap, jQuery, Git, GitHub, Node.js, Next.js, WordPress, VS Code, AWS, GCP, Figma, Adobe Photoshop, Styled Components, Chrome DevTools, NPM, Netlify, Vercel, Replit, Astro, Canva, Streamlit, cPanel

## Education.

**University of Southern Philippines Foundation**  2022 — 2026
Bachelor of Science in Computer Science

**Dumalag Central National High School**  2020 — 2022
Science, Technology, Engineering, and Mathematics