

Dan Chavez

Experienced full stack developer with over three years of experience and a strong focus on back end development.

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Profiles	dnachavez	dnachavez	dnachavez
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Experience	xFusion Full Stack AI Engineer https://www.xfusion.io Collaborates on the development of AI agents for a leading client, including: <ul style="list-style-type: none">Developed a smart inbox for CSMs with Gmail and Slack integration that filters important messages while excluding spam, promotions, social updates, and other non-essential messages. The system includes an AI responder agent (multi-agent) that intelligently identifies if a message requires a draft based on available contexts and knowledgebase using RAG.Enhanced the performance of an AI task management agent that processes customer support communications from Gmail, Slack, and Fireflies, utilizing Python, OpenAI, LangChain, LangGraph, LangSmith, Pydantic, and Node.js and TypeScript integration.Optimized an AI email responder agent for Gmail, improving response accuracy and efficiency using Python, OpenAI, LangChain, LangGraph, LangSmith, Pydantic, and Node.js and TypeScript.Developed a customer onboarding workflow to track activity and proactively contact customers about their progress via their CSM's email through Gmail, using Node.js and TypeScript.Developed and deployed AI agents using Serverless architecture on AWS, integrating scalable backend services with Node.js, TypeScript, Python, and AWS Lambda.Built and optimized AI workflows using Python, Node.js, and TypeScript, integrating RESTful APIs for production-level model interaction.Designed and implemented ETL workflows and data pipelines using AWS services to improve performance and cost efficiency.Enhanced AI agent performance through continuous monitoring, testing, and code reviews to ensure reliability and scalability.	August 2024 - February 2025 Denver, Colorado, United States
	Develop Kreativty Co-Founder & Project Lead https://developkreativity.com <ul style="list-style-type: none">Redesigned Lyons Global™'s Learning Management System (LMS) using WordPress, integrating interactive modules, document-based resources, video learning, and a user registration with course access approval system.Developed the Lyons Global™ official website using WordPress, implementing a custom theme, post types, and fields to create a modern, user-friendly interface that highlights the company's expertise in digital health solutions.Developed Bilis Delivery using Laravel and Flutter, a cross-platform food delivery app with real-time tracking, order management, and delivery status updates for delivery riders, restaurants, and customers.	November 2023 - Present Cebu City, Cebu, Philippines
	University of Souther Philippines Foundation Full Stack Developer https://uspf.edu.ph <ul style="list-style-type: none">Developed an all-in-one platform for faculty, students, and guests using CodeIgniter 4 with balance tracking, RFID monitoring, digital ID, chats, and course offerings.Developed a queuing management system using Laravel and Vue.js for cashier, registrar, and other offices offering services with a kiosk integration and virtual 3D campus tour.Built an AI Agent for a ChatSDK that can determine the intent, sentiment, is able to respond to queries, and assess the relevancy of the answers with a QA, with Python, OpenAI, and RAG using a GitHub repository as the knowledge base.Configured a PowerEdge R440 server to host an internal Laravel-based document records management system.	July 2023 - Present Cebu City, Cebu, Philippines
	MyToolz Back End Developer https://mytoolz.net <ul style="list-style-type: none">Refactored a Blogger website theme implementing a client-side JavaScript function to prevent bypass of links from a built-in link generator. Developed several PHP web tools, including: <ul style="list-style-type: none">A tool to extract IP Vanish proxy data and validate Stripe API keys.Tools to verify proxy servers, check credit card validity, and verify Pureflix accounts.Tools to bypass ad link generators such as adf.ly and Linkvertise.An email tool to filter by provider and generate emails using the dot trick.A tool to check Bitcoin wallet balances.Key generators for Malwarebytes, Discord Nitro, HMA VPN, and Express VPN.	July 2021 - December 2021 Bangladesh

Education	University of Southern Philippines Foundation Computer Science https://uspf.edu.ph <ul style="list-style-type: none">7th Placer Cebu Schools Athletic Foundation Inc. (CESAFI) 2024 Computer Quiz BowlCollege of Computer Studies Southern Technovators President (2024-2025)Top 5 Individual Score Ranking Department of Information and Communications Technology (DICT) HACKFORGOV 2: Capture-the-FlagCollege of Computer Studies Southern Technovators President (2023-2024)	August 2022 - Present Bachelor of Science
	Dumalag Central National High School Science, Technology, Engineering, and Mathematics (STEM) 91 GPA (With Honors) <ul style="list-style-type: none">Most Remarkable Technical Applicator3rd Placer Sineliksik3rd Placer GoIT App DevelopmentService Awardee (Mutya sang Dumalag, Ginoong Capiz Production Team)	October 2020 - July 2020 High School

Projects	Bilis Delivery https://app.bilisdelivery.com Bilis Delivery is a food delivery service providing swift and efficient delivery of food items directly to customers' doorsteps. This project is developed using Laravel and Flutter, offering cross-platform for the delivery riders, restaurants, and customers. The system involves features such as real-time tracking, order management, and delivery status updates. JavaScript, HTML, CSS, MySQL, Flutter, Dart, Firebase, Laravel, cPanel	June 2024
	SentiAI https://github.com/dnachavez/fine-tuning-tinybert-for-sentiment-analysis Developed as a final requirement for the CS221, Algorithms and Complexity course, during the second year of the BS Computer Science program at the University of Southern Philippines Foundation. The project is designed to analyze and classify text data sentiment into positive, negative, or neutral categories. Python, TinyBERT, Google Colab, JavaScript, HTML, CSS	April 2024
	Lyons Global™ https://lyonsglobal.us Lyons Global is the official website of Lyons Global™. Developed using WordPress, the site incorporates a custom theme, post types, and fields. Our team at Develop Kreativty redesigned the website to deliver a modern and user-friendly interface, effectively highlighting their expertise and services as a digital health solutions provider. WordPress	February 2023
	IoT Parking System https://github.com/dnachavez/iotparkingsystem Developed as a final requirement for the IT214 course, IS Innovation and New Technologies, during the second year of the BS Computer Science program at the University of Southern Philippines Foundation, this project aims to innovate the university's parking management system to address the challenges of managing parking spaces. The web interface of the project is constructed using CodeIgniter 4 and incorporates Arduino Uno R4 WiFi hardware. CodeIgniter, JavaScript, HTML, CSS, MySQL, cPanel, Arduino	December 2023
	Lyons Global™ LMS https://lms.lyonsglobal.us The project involved a redesign of Lyons Global™'s learning management system using WordPress. Our team at Develop Kreativty added support for diverse content delivery methods, including interactive modules, document-based resources, and video learning. Additionally, a user registration and course access approval system was implemented. WordPress	November 2023 - December 2023
	Philippine Scripts Translator https://github.com/dnachavez/philippine-scripts-translator Philippine Scripts Translator is a tool designed to convert contemporary Filipino texts into ancient Philippine scripts, as recognized in the Unicode charts. This project draws inspiration from jennayey's Philippine Script Translator and employs Next.js as its front-end framework. Next.js, Netlify	November 2023
	Google Translation https://github.com/dnachavez/nextjs-gtranslation-app GTranslate is a translation tool that integrates multiple languages using Google Translate. The project employs Next.js as its front-end framework and leverages the Google Translate API from Pawan.Krd for its back-end operations. Next.js, Netlify, Google Translate API	August 2023
	USPF Buddy Developed as a final requirement for the CC122 Intermediate Programming course in the first-year BS Computer Science program at the University of Southern Philippines Foundation, this project leverages OpenAI's GPT-3.5-turbo model, DALL-E image generation, and custom commands to efficiently address a wide array of inquiries, offering users prompt and convenient access to a university-curated knowledgebase. PHP, JavaScript, HTML, CSS, MySQL, jQuery, cPanel	June 2023
	AuggieGPT https://github.com/dnachavez/AuggieGPT Developed a Streamlit chatbot assistant for the University of Southern Philippines Foundation (USPF) utilizing Python and OpenAI's GPT-3.5-turbo model, designed to understand and address queries specific to the university. Python, Streamlit	February 2023

Volunteering	pandesal.dev (formerly Programming Phiippines) Dev-Help Volunteer https://discord.gg/pandesal-dev I actively support Filipino developers in an online Discord community. Assist members with programming questions, and provide guidance on coding best practices. And collaborate with moderators to ensure a positive learning space for beginners and experienced developers alike.	July 2024 - Present
	GDG Cebu Logistics Volunteer for Google I/O Extended Cebu 2024 https://gdgcebu.org I contributed as a volunteer in the Logistics team, playing a key role in the event's success. This experience allowed me to develop valuable organizational and teamwork skills while collaborating with a dedicated team. I take pride in my involvement in bringing the event to fruition.	July 2024 Cebu City, Cebu, Philippines

References	Boi Archievald Ranay https://www.linkedin.com/in/boi-archievald-ranay-a4393964 Experienced Senior Instructor with a demonstrated history of working in the higher education industry. Skilled in Technical Support, Active Directory, Troubleshooting, Windows Server, and Software Installation. Strong education professional with a Master's degree focused in Information Technology from University of San Jose-Recoletos.	
	Dov Kaufmann https://www.linkedin.com/in/dovkaufmann CEO at Tolstoy	
	John Nick Viduya https://www.linkedin.com/in/john-nick-viduya-939395176 Full Stack Dev AI Engineer eCommerce Shopify	

Technologies & Tools	PHP	CodeIgniter	Python	JavaScript	TypeScript
	HTML	CSS	MySQL	Bootstrap	jQuery
	Git	GitHub	Node.js	Next.js	WordPress
	AWS	GCP	Serverless	Figma	LangChain
	Photoshop	Netlify	Vercel	Replit	Astro
	Canva	Streamlit	cPanel		

Awards	CCS Days 2025 Hackathon Overall Champion Mrs. Marie Joy Morano-Sanchez Contributed the highest points to the team to achieve the overall champion title during the CCS Days 2025 by successfully developing TESTify, an AI exam proctoring system integrated as a tool for Canvas LMS that monitors online exams for cheating using facial and behavioral analysis. <ul style="list-style-type: none">Hackathon ChampionHackathon - Best Innovative Solution	March 2025
	CCS Days 2023 Hackathon Overall Champion USPF College of Computer Studies Mr. Gian Carlo Cataraja, MIT Successfully developed CERTify, an AI-integrated system designed to certify and authenticate academic records through advanced AI image analysis, tamper detection, and QR code technology. <ul style="list-style-type: none">Champion of the Hackathon (1st year-3rd year category)Hackathon Most Promising Innovation (1st year-3rd year category)Hackathon Best-in-Logo (1st year-3rd year category)	December 2023
	goIT 3rd Placer TCS Digital Innovation Program Secured 3rd place in the goIT competition during the TCS Digital Innovation Program as a lead member of TrackTrace, a digital contact tracing application, from Dumalag Central National High School, Capiz Province Division. <ul style="list-style-type: none">Developed a digital contract tracing application for COVID-19	November 2021