

Dan Chavez

dna.chavez@outlook.com · +639942816658 · dnachavez.dev · github/dnachavez · linkedin/dnachavez

Experience

Full Stack AI Engineer

Remote / Cebu City, PH – On-site per client requirement

xFusion

August 2024 – March 2025

- Built multi-agent AI responder system with Python, OpenAI, LangChain/LangGraph using RAG techniques, improving response accuracy by 65% and cutting drafting time by 75%.
- Developed intelligent CSM inbox system with Next.js, TypeScript, Node.js integrating Gmail, Slack, and Fireflies, reducing communication management time by 40% and enabling CSMs to prioritize high-value customer interactions.
- Designed serverless architecture on AWS Lambda using Node.js, TypeScript, and Python that scaled to handle 3x the original request volume while reducing infrastructure costs by 20%.
- Optimized AI task management workflow with Linear API connecting support communications across platforms, resulting in 30% faster ticket resolution and 25% higher customer satisfaction scores.
- Implemented ETL data pipelines with Snowflake, PostgreSQL, DynamoDB, and Pinecone vector databases, improving AI agent performance by 45% through optimized data processing.
- Mentored junior developers on AI agent development, establishing code standards that reduced bug rates by 35% while leveraging AI tools (Cursor IDE, v0, Devin) to boost team productivity.
- Prototyped automated customer onboarding system that became foundation for company's AI workflow builder platform (similar to Zapier/Make.com).

Lead Full Stack Developer

Cebu City, PH

Bilis Delivery

April 2024 – Present

- Built food delivery platform using Laravel backend and Flutter for mobile/web frontend that processed 10,000+ orders for 2,000+ active users with 99.9% uptime in the first year.
- Implemented real-time order tracking and notification system using WebSockets and Google Maps API, enabling customers to monitor deliveries with high accuracy.
- Integrated secure payment processing with multiple gateways (Credit Card, COD) and developed automated driver matching algorithm based on proximity and availability.
- Created scalable backend with database optimization for consistent transaction handling, maintaining 99.9% uptime while processing 100+ concurrent orders during peak hours.
- Designed role-based authentication system providing granular permission controls for customers, drivers, restaurant partners, and admins.
- Created modular backend services for order management, driver assignment, and payment processing.

Co-Founder & Project Lead

Remote / Cebu City, PH

Develop Kreativiti

November 2023 – Present

- Redesigned Lyons Global™ learning management system with interactive modules and approval-based registration using WordPress, reducing onboarding time by 60% and increasing user engagement by 45%.
- Redesigned Lyons Global™ corporate website on WordPress, implementing responsive design patterns and optimizing performance scores from 65 to 92 on PageSpeed Insights.

Full Stack Developer

Cebu City, PH

University of Southern Philippines Foundation

July 2023 – Present

- Built AI chat agent with Python, OpenAI, and RAG techniques using ChromaDB vector database, achieving 85% query resolution accuracy and reducing staff support requests by 40%.
- Designed distributed university platform on CodeIgniter 4 with Ionic Framework frontend, implementing real-time RFID tracking system, secure digital ID verification, and integrated financial management, improving service access by 35%.
- Created queuing management system using Laravel and Vue.js, decreasing wait times by 80% across university service offices.
- Optimized PowerEdge R440 server architecture and built internal document records system on Laravel with role-based access control, improving inter-departmental workflow efficiency by 60%.

Back-End Developer	Remote
MyToolz	July 2021 – December 2021
<ul style="list-style-type: none"> • Restructured high-traffic Blogger website codebase, implementing content protection system that blocked unauthorized access attempts through referrer validation and encrypted URL parameters, reducing content theft by 70%. • Built PHP-based API toolkit including proxy validation service, email validation and filter with regex pattern matching, cryptocurrency balance, and account verification system, reducing third-party API calls by 40%. 	

Technical Skills

Languages: Python, TypeScript, JavaScript, PHP
Frameworks & Libraries: React.js, Next.js, Node.js, Laravel, CodeIgniter, LangChain/LangGraph/LangSmith
AI/ML: OpenAI, Google Gemini, Anthropic Claude, Hugging Face Transformers, Pinecone, Neo4j
Cloud & DevOps: AWS, GCP, Firebase, Vercel, Netlify, GitHub Actions, CircleCI, Serverless Framework, Digital Ocean, Replit, cPanel
Databases: MySQL, PostgreSQL, DynamoDB
Version Control: Git, GitHub, Bitbucket
Design & Tools: Figma, Photoshop, Canva, WordPress

Awards & Certifications

Overall Champion CCS Days 2025 Hackathon	March 2025
Developed TESTify, an AI exam proctoring system with facial and behavioral analysis for Canvas LMS using Python, OpenAI, and OpenCV. Additional awards: Best Innovative Solution	
Overall Champion CCS Days 2023 Hackathon	December 2023
Developed CERTify, an AI-integrated academic record authentication system. Additional awards: Most Promising Innovation, Best-in-Logo	
3rd Place TCS Digital Innovation goIT App Development	November 2023
Led a team of three senior high school students in developing TrackTrace, a COVID-19 digital contact tracing application.	
Google Data Analytics Professional Certificate Google	April 2025
7th Place CESAFI 2024 Computer Quiz Bowl	March 2024
Top 5 Individual Score DICT REGION VII HACKFORGOV2: Capture-the-Flag	August 2023

Education

Bachelor of Science in Computer Science	Expected: 2026
University of Southern Philippines Foundation	Cebu City, PH
Thesis: Design and Implementation of a Cloud-Native Artificial Intelligence (AI) Call Center using Amazon Web Services and OpenAI	
Honors: Dean’s List (2022 – Present)	