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PROFESSIONAL SUMMARY

Full Stack Software Engineer specializing in Next.js, React, TypeScript, Python, Django, AI integration, AWS cloud services, and SaaS development. Experienced in designing, developing, and deploying production web applications that automate business workflows and improve operational efficiency. Proven ability to lead software architecture, build AI-powered solutions, and deliver end-to-end products from concept to deployment.

EDUCATION

Pilar Colleges of Zamboanga City, Inc.

Zamboanga City, Philippines

B.S. in Information Technology

April 2021 – April 2025

- **Concentrations:** Software Engineering and Data Analytics
- **Honors:** Dean's List, Proficiency Award (DOH Internship)
- **Related Coursework:** Data Structures & Algorithms, OOP, Database Management, Machine Learning, Web Development, IT Project Management, Systems Integration & Architecture

EXPERIENCE

Alt Business Services, Corp.

Zamboanga Peninsula, Philippines

Senior Information Technology Specialist

Mar 2026 – Present

- Architect and manage the core system architecture, deployment pipeline, and maintenance strategy for multiple software products and corporate web applications.
- Drive technical alignment with long-term business objectives, engineering scalable, highly maintainable full-stack solutions that optimize user engagement and operational workflows.
- Collaborate directly with executive leadership to align technical decisions with long term business objectives.
- Improve application performance, maintainability, accessibility, and security across multiple products.

IT Associate Independent Contractor

Oct 2025 – Mar 2026

- Spearheaded the development and end-to-end management of a portfolio of web products, focusing on clean code quality and better user experiences.
- Delivered high-impact digital solutions that directly supported business growth initiatives and enhanced client service delivery.
- Maintained production systems while continuously improving performance, usability, and reliability.

Web Developer

June 2025 – Sept 2025

- Engineered and maintained core company websites, delivering stable, semantic, and well-structured digital assets.
- Collaborated on optimizing web performance and front-end interface layouts to improve user retention and service accessibility.
- Improved website responsiveness, accessibility, search engine optimization, and overall user experience.

Freelance (Self Employed)

Zamboanga Peninsula, Philippines

Software Developer Freelance

May 2024 – Present

- Designed and delivered custom software solutions for startups, research institutions, and private clients.
- Built AI-powered applications, dashboards, automation tools, project management systems, and data-driven platforms.
- Developed production web applications using modern full-stack technologies, frameworks, databases, and AI integration services.
- Automated manual workflows, optimized database operations, and improved productivity through intelligent software solutions.

Department of Health (Philippines)

Zamboanga Peninsula, Philippines

Computer Programmer Intern

Dec 2024 – May 2025

- Modernized an internal Employee Management System (EMS) using Django
- Added leave tracking, attendance, and PDS modules
- Developed a DTR Calculator using Python (Tkinter) for automatic deduction and late tracking.
- Migrated legacy PHP modules into Django and implemented new database schemas.
- Led requirements gathering, system documentation, testing, and deployment.
- Provided department-wide tech support, including network setup and presentation systems.

PROJECTS

Financial Advisory Platform

Alt Business Services, Corp.

Sole Full Stack Engineer

Live: aireeza.com

- Architected, designed, developed, deployed, and maintained a production financial advisory platform using Next.js, React, TypeScript, Supabase, PostgreSQL, Vercel, AWS S3, and AWS Amplify.
- Built AI-powered administrative tools, a 15-module CMS, business assessment workflows, secure authentication, and email automation.
- Implemented production-grade security, technical SEO, analytics, and cloud infrastructure.
- Achieved measurable organic search growth, reaching 252 Google Search impressions, 34 clicks, a 13.5% click-through rate, and an average search position of 10.4 within three months.

Business Coaching Platform

Alt Business Services, Corp.

Sole Full Stack Engineer

Live: thebrightceo.com

- Developed a production SaaS platform using Next.js, React, TypeScript, Tailwind CSS, and Supabase supporting members, coaches, partner coaches, and administrators.
- Designed scalable PostgreSQL architecture with 60+ database migrations, 45+ stored functions, and Row Level Security policies.
- Built real-time collaboration features including live sessions, announcements, resource management, assessments, and activity tracking using Supabase Realtime.
- Integrated AI services for chatbot assistance, assessment analysis, certificate insights, automated replies, and content generation.
- Implemented email campaigns, SEO optimization, cloud deployment, and performance enhancements using Vercel, Cloudflare, and modern caching strategies.

Workspace Management Platform

Alt Business Services, Corp.

Sole Full Stack Engineer

Live: eleventhspaces.com

- Built a full stack workspace management platform using React, TypeScript, Tailwind CSS, PostgreSQL, and serverless APIs following a domain-driven architecture.
- Designed secure PostgreSQL schemas with modular migrations, Row Level Security policies, stored procedures, and analytics views.
- Engineered a Redis caching layer with circuit breaker, request deduplication, and stale-while-revalidate strategies to improve application performance.
- Developed secure APIs and serverless services supporting AI-powered text analysis, email delivery, authentication, rate-limited services, and AWS Lambda integrations.
- Implemented Static Site Generation, technical SEO, responsive interfaces, and scalable deployment.

PilarEase

Pilar College of Zamboanga City, Inc.

Team Lead

Aug 2024 – Mar 2025

- Developed an emotional support platform for students using Django, PostgreSQL, and AI tools.
- Implemented emotion-based posting, sentiment analysis, profanity filtering, and counselor referrals.
- Integrated Supabase, Docker, and chatbot logic for cross-platform deployment and real-time engagement.
- Fine-tuned the j-hartmann/distilroberta-base model for emotion classification, achieving 92.7% F1-score and 93.4% accuracy on labeled student feedback.

ACTIVITIES AND LEADERSHIP

BlueCode Hackathon '25

Ateneo De Zamboanga University

- *Developed Pilar-eLearn, a gamified e-learning platform recognized for its innovative design. Awarded Best UI/UX for expertise in JavaScript, HTML5, CSS, and UI/UX design.*

April 2025

Hack4Gov Cyber Challenge 2023

Dept. of Information & Communications Technology

- *Competed in national-level cybersecurity Capture The Flag (CTF) challenges against Region 9 teams. Developed solutions for government security challenges with a focus on ethical hacking and network defense.*

April 2025

SKILLS

Programming: Python, TypeScript, JavaScript, React.js, Next.js, Node.js, Django, Flask, PHP, HTML5, CSS3, SQL

Databases: PostgreSQL, MySQL, Supabase, Firebase, Convex, Neon, Prisma

AI & Machine Learning: OpenRouter, Gemini, OpenAI Hugging Face, RAG, NLP, OpenCV, Ollama, LLM Integration,

Cloud & DevOps: AWS Lambda, AWS Amplify, Amazon S3, Vercel, Cloudflare, Docker, Git

Tools: Visual Studio Code, Cursor, Devin, Claude Code, PyCharm, GitHub, Jupyter Notebook, Figma

Methodologies: Agile