

MARK ESTELLA

SOFTWARE ENGINEER | AI DEVELOPER



CONTACT

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- 📍 Davao City
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TECHNICAL SKILLS

- Languages & Scripting:** Python, VBA, C# .NET, TypeScript, JavaScript, C++, YAML, Google Apps Script
- Frontend & UI:** React, Next.js, Ionic React, Tailwind CSS, ShadCN UI, HTML, CSS
- Backend & Automation:** FastAPI, .NET Core, Google Apps Script, VBA, Alembic
- AI & ML Tools:** Microsoft Semantic Kernel (RAG/Chat), OpenAI, Mistral, Assembly AI
- Database:** PostgreSQL, PgAdmin 4, Vector DB, Entity Framework Core
- DevOps & Cloud:** Docker, Git, GitLab CI/CD, AWS (Lambda, Connect, Q, S3, DynamoDB)
- Other Tools:** Canva, CapCut, Filmora, Adobe Photoshop, NEMO Drive Test, Arduino

LANGUAGES

- English (Fluent)
- Filipino (Native)

REFERENCE

UYANGUREN, WELLJHON

NETZON GLOBAL / QA

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PROFESSIONAL SUMMARY

Solutions-oriented Software Engineer with expertise in automation, backend APIs, and full-stack development. Skilled in VBA, Python, and Docker, with advanced experience in AI-powered platforms using React, TypeScript, Semantic Kernel, and AWS. Adaptable and detail-driven, with a diverse background in virtual assistance, telecom, and biomedical systems.



WORK EXPERIENCE

Netzon Global Technology Inc.

APR 2024 - PRESENT

Intermediate Software Engineer

- Developed full-stack apps using React, TypeScript, Ionic, and FastAPI
- Built AI chatbot using Microsoft Semantic Kernel (RAG) with PostgreSQL vector database
- Created reusable, responsive UI using Tailwind CSS and ShadCN UI
- Trained in AWS Amazon Connect (IVR, call routing, Amazon Q, S3 logs)

Netzon Global Technology Inc.

OCT 2021 - APR 2024

Junior Software Engineer

- Created automation tools with VBA for Excel-based data
- Developed Python APIs with FastAPI and PostgreSQL
- Managed Dockerized services and schema migration using Alembic
- Collaborated with frontend and QA for integration and support

Outsourced Doers

NOV 2020 - JAN 2021

General Virtual Assistant

- Created branded content using Canva for social media
- Managed content calendar and email appointment scheduling
- Maintained CRM and client communications

Comit Telecom PH

MAY 2020 - AUG 2020

Drive Test Engineer/Analyst

- Assigned test routes using Google Earth and analyzed NEMO logs (DTA)
- Evaluated tower performance and reported coverage gaps (DTA)
- Supported senior engineers in mobile signal testing (DTE)
- Documented signal strength reports for network analysts (DTE)



CERTIFICATIONS & TRAININGS

- AWS Services with Generative AI Seminar - Dusit Thani (2025)
- AWS: Intro to Amazon Connect (2025)
- Cybersecurity Intro - Trend Micro (2021)
- Microsoft Certification Seminar - Singapore (2019)
- Design Thinking & AI/IoT/Cloud - Singapore (2019)



EDUCATION

Bachelor of Science in Electronics Engineering

2015 - 2020

University of the Immaculate Conception

Award: Outstanding Student Leader Awardee