

EARL FRANCIS Y. ONG

(+63) 947 518 8617 ♦ earlfrancisong@gmail.com ♦ Lapu-Lapu City, Cebu
Portfolio Website: [earlfranciss.app](#) ♦ LinkedIn: [earl-francis-ong](#) ♦ GitHub: [earlfranciss](#)

PROFILE SUMMARY

Technically driven and adaptable, with expertise in full-stack development, Azure administration and architecture, system integration, and secure, scalable application development. Strong analytical and problem-solving skills with a focus on delivering reliable solutions, learning new technologies, and collaborating effectively in agile environments.

EXPERIENCE

Junior Software Engineer N-Pax Philippines	July 7, 2025 - Present Mandaue City, Philippines
- Develop and support enterprise applications using ASP.NET Core, React, MSSQL, and related technologies, delivering maintainable solutions aligned with business requirements. - Apply software engineering and system integration practices to evaluate and develop solutions that can integrate with Microsoft Azure services and cloud-based architectures. - Apply knowledge of Azure administration, networking, identity, governance, security, and solution architecture to technical discussions and solution planning.	
Website Developer Intern Lanex Corp. - Philippines	Sept 2024 – Dec 2024 Cebu City, Philippines
- Co-developed Profiling System that records employee career details, skills, and certifications, streamlining talent management. - Designed and implemented frontend components using Vue.js and built backend APIs with Node.js and PHP. - Collaborated with a team of developers in an Agile environment, participating in code reviews, stand-ups, and sprint planning. - Worked with Git and GitHub for version control, ensuring smooth collaboration and efficient code management.	

PROJECTS

HRConnect – Agentic RAG Chatbot <i>Enterprise AI Application</i> Next.js, OpenAI API, Agentic RAG, ChromaDB, FastAPI	Nov 2025
- Developed an AI-powered HR assistant using Agentic RAG to automate employee inquiries on HR policies, payroll, and leave requests. - Integrated HRIS and payroll systems with ChromaDB and FastAPI to streamline information retrieval across enterprise data sources. - Automated repetitive HR inquiries, improving information accessibility and reducing manual HR support effort.	
Mobile Phishing Detection and Prevention System <i>Mobile Cybersecurity App</i> Python, React Native, Flask, Pandas, Scikit-Learn	May 2025
- Developed an AI-powered mobile application that analyzes SMS and email content to detect potential phishing threats. - Integrated a Flask REST API with a machine learning model to enable real-time message analysis and phishing alerts. - Achieved 99.6% classification accuracy during model evaluation, improving the system's phishing detection capability.	
Serverless Contact Processing System on Azure <i>Azure Serverless Application</i> Azure Functions, Azure Table Storage, Python	Aug 2026
- Developed an event-driven serverless backend using Azure Functions and Azure Table Storage to automatically process website contact submissions. - Implemented automated validation and data storage to reduce manual processing and simplify application management. - Applied serverless architecture to provide scalable, cost-efficient, and reliable contact processing without dedicated server infrastructure.	

CERTIFICATIONS & TRAININGS

Microsoft Certified: Azure Solutions Architect Expert Microsoft	May 2026
Microsoft Certified: Azure Administrator Associate Microsoft	April 2026
Civil Service Exam-PPT – Professional Level Civil Service Commission, Philippines	October 2024
Data Visualization and Analytics with Power BI Seminar UCLM	October 2024
The Mind of the Machine: Exploring Generative AI Seminar UCLM	October 2024
Certificate in Ethical Hacking & Penetration Testing MSTCONNECT PH	June 2024
Software Engineering Essentials Coursera, IBM	July 2024
HackForGov2: Capture-the-Flag Competition DICT Region VII, Philippines	August 2023
CCNAv7: Introduction to Networks Cisco Networking Academy	August 2021

TECHNICAL PROFICIENCIES

Application Development	C#, ASP.NET Core, ReactJS, React Native, NextJS, Python, Java, Flask, HTML, CSS, JavaScript, REST APIs
Database & Data Management	MSSQL, Entity Framework Core, MongoDB, MySQL, SQL, Microsoft Fabric
Cloud & DevOps	Microsoft Azure, Azure Administration, Docker, Azure DevOps, Git, GitHub
Tools & Platforms	Visual Studio, Visual Studio Code, Figma, Canva, Notion, Trello, Google Workspace, Microsoft 365