Mary Kate F. Anecito

✉ anecito.marykate09@gmail.com   📞 09672143124   ⬤ github.com/eisBlume0901

PROFESSIONAL EXPERIENCE

Software Developer Intern, Infotouch Corporation   26/01/2026 – Present | Legazpi Village, Makati
- Designed and implemented Minimal API endpoints for data processing and retrieval.
- Created SQL scripts to support backend functionality and optimize query execution.
- Refactored frontend-dependent logic into backend services to improve system structure.
- Conducted API validation, regression testing, and cross-platform checks to ensure reliability.

EDUCATION

Bachelor of Science in Computer Science, Centro Escolar University   08/2022 – Present | Legazpi Village, Makati
- Current GWA: 1.078
- President's Lister

ORGANISATIONS

CEU-CSIT Student Council, Secretary   08/2024 – 05/2025 | Legaspi Village, Makati
- Led departmental coordination by documenting governance decisions and facilitating cross-team communication.
- Organized academic events from planning to execution, ensuring structured collaboration and timely delivery.

SKILLS

Programming Languages: Python, JavaScript/TypeScript, Java

Backend Development: NodeJS, ExpressJS, Django, Django REST Framework

Frontend & Mobile: React Native using Expo, VueJS, TailwindCSS, CSS3, HTML5

Databases: MySQL, PostgreSQL, SQLite, MongoDB

Devops & Infrastructure: Docker, Redis, Render

AI: Data Analysis, Generative AI Integration

TOOLS

Productivity & Documentation: Notion, Google Workspace, Microsoft 365

Design & Prototyping: Figma, Canva

Development Environments: JetBrains IDE, Visual Studio Code

API & Backend Testing: Postman, XAMPP, MySQL Workbench

Containerization: Docker Desktop

PROJECTS

Leveraging Deep Learning in Carbohydrate Tracking and Diabetes Management for Health-Conscious Individuals, Undergraduate Research 1 and 2 Project   08/2025 – Present
Role: Full Stack Developer, Researcher, Project Manager
Key Contributions:
- Led project coordination across a small development team, delegating tasks and tracking milestones to ensure timely delivery of research objectives
- Architected and implemented microservices-based system using NodeJS, ExpressJS, and Neon Postgres, improving modularity and enabling independent deployment of backend services.
- Designed normalized relational database schema and Entity-Relationship Diagram, reducing data redundancy and improving query efficiency.
- Developed RESTful APIs with ExpressJS for core backend services and integrated third-party APIs to extend system functionality
- Built a cross-platform mobile application using React Native and Expo following Container/Presentation pattern, improving maintainability and separation of concerns

athAlna, Software Engineering 1 and 2 School Project   11/2024 – 05/2025
- **Role:** Full-stack developer and project manager
- **Key Contributions:**
- Led project coordination and task delegation, ensuring milestone alignment and timely feature delivery.
- Architected a microservices-based system using Django and MySQL, designing normalized database schema and Entity-Relationship Diagram
- Built RESTful APIs with Django REST Framework and integrated a VueJS frontend
- Containerized backend services with Docker and implemented Redis caching, improving deployment consistency and application performance.
- Structured backend and frontend repositories following a microservices-oriented architecture, improving maintainability and modular development

Redesigning Yahoo Mail (Mobile App), Human Computer Interaction School Project   11/2024 – 11/2024
Role: UI/UX Designer
Key Achievements:
- Conducted a heuristic usability audit of the Yahoo Mail mobile app using Nielsen's 10 Heuristic principles, identifying consistency and visibility issues causing navigation friction.
- Performed User Persona and Red Route analysis to prioritize high-frequency tasks and align redesign decisions with core user behaviors.
- Streamlined navigation architecture and delivered a high-fidelity Figma prototype aligned with desktop UI/UX patterns.

CERTIFICATES

Databases and SQL for Data Science with Python (with Honors)
Issued by IBM in July 2024

Python for Data Science, AI & Development
Issued by IBM through Coursera in June 2024

Java Programming I
Issued by University of Helsinki in February 2023

Python Project for Data Science
Issued by IBM through Coursera in June 2024

Python Object-Oriented Programming
Issued by LinkedIn in July 2024

Computer Systems Servicing
Issued by TESDA in January 2023; valid until January 2028