Mary Kate F. Anecito

anecito.marykate09@gmail.com | 09672143124 | github.com/eisBlume0901 | linkedin.com/in/marykateanecito

PROFESSIONAL EXPERIENCE

Software Developer Intern, *Infotouch Corporation* — Legazpi Village, Makati
01/26 – Present
- Designed and implemented Minimal API endpoints for data processing and retrieval
- Created SQL scripts to support endpoint functionality
- Refactored frontend-dependent logic into backend services
- Tested and validated APIs using Postman and MySQL Workbench
- Conducted quality assurance testing including functional validation, error handling, regression, and cross-platform checks; documented results and flagged issues for developer review
- **Tech Stack**: C#, MySQL, Postman, Git
- **Tools**: JetBrains Rider IDE, GitHub, MySQL Workbench, MySQL Server

Call Center Agent, *G9 Outsourcing Corp* — San Antonio, Makati
11/2021 – 03/2022
- Coordinated invitations and managed RSVPs for IT industry leaders, ensuring accurate communication and smooth event execution.
- Tracked attendee responses and maintained updated records using CRM tools to support event planning and reporting.
- Initiated outbound calls to potential clients introducing products and services in different industries
- Maintained call logs, tracked responses, and followed up with interested prospects to convert leads into opportunities

Quality Assurance Assistant Intern, *Splash Corporation* — Canumay West, Valenzuela
02/2020 – 02/2020
- Assisted in microbiological and physical analysis and testing of finished goods, semi-finished goods, and raw materials.
- Assisted in handling inspection in the production and packaging area.
- **Skills Acquired**: General Chemistry, Sample Preparation & Analysis, Measurement & Calibration, Laboratory Instrument Handling

EDUCATION

Bachelor of Science in Computer Science, *Centro Escolar University* — Legazpi Village, Makati
08/2022 – Present
- **Current GWA:** 1.078
- **President's Lister** (1st year 2nd semester, 2nd year 1st semester, 3rd year 1st semester)

Bachelor of Science in Chemical Engineering, *Mapúa University* — Intramuros, Manila
08/2020 – 11/2021
- **GWA:** 1.512
- **Dean's Lister** (1st year 3rd quarter)

Senior High School, STEM, *Mapúa University* — Gil Puyat, Makati
08/2018 – 07/2020
- **Overall Top 10 in Makati Campus**

Junior High School, Technical Vocational, *Benigno Ninoy S. Aquino High School* — Comembo, Taguig
06/2015 – 07/2018
- **Overall Top 1 among 1,002 completers**

Elementary School, *East Rembo Elementary School* — East Rembo, Taguig
2008 – 2014

ORGANISATIONS

CEU-CSIT Student Council, *Secretary* — Legaspi Village, Makati
08/2024 – 05/2025
- Managed administrative and departmental operations by documenting meeting minutes, coordinating cross-team communication, leading event planning and execution to ensure efficient collaboration and workflow continuity.

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

Development Environments: JetBrains IDE, Visual Studio Code

API & Backend Testing: Postman, XAMPP, MySQL Workbench, DBeaver

Containerization: Docker Desktop

Design & Prototyping: Figma, Canva

PROJECTS

08/2025 – Present

Leveraging Deep Learning in Carbohydrate Tracking and Diabetes Management for Health-Conscious Individuals, *Undergraduate Research 1 and 2 Project*
- **Role**: Full Stack Developer, Researcher, Project Manager
- **Key Contributions**:
  - 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, 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
  - Led project coordination across a small development team, delegating tasks and tracking milestones to ensure timely delivery of research objectives
- **Tech Stack**: Git, NodeJS, ExpressJS, React Native, Expo, Python, Neon Postgres, Clerk Auth, Render, Third-Party APIs
- **Tools**: JetBrains WebStorm, Postman, GitHub, Amazon SageMaker
- **Repository**: github.com/CarboTrackr2025 🔗

11/2024 – 11/2024

Redesigning Yahoo Mail (Mobile App), *Human Computer Interaction School Project*
- **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.
- **Tools:** Figma, Canva
- **Repository**: canva.com/design/DAG22-oEBc0/NA0E8QyFJ2f2XrJ-ah_7Ow/edit 🔗

11/2024 – 05/2025

athAIna, *Software Engineering 1 and 2 School Project*
- **Role**: Full-stack developer and project manager
- **Key Contributions**:
  - 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.
  - Led project coordination and task delegation, ensuring milestone alignment and timely feature delivery.
- **Tech Stack**: Django, Django REST Framework, Vue.js, Docker, Redis, MySQL, Git
- **Tools**: GitHub, JetBrains WebStorm and PyCharm, Visual Studio Code, Docker Desktop, Render, Cloudflare, XAMPP, Notion
- **Repository:** github.com/athAIna2024 🔗

03/2024 – 05/2024

AniMaker, *Fundamentals of Programming and Web Development School Project*
- **Role**: Full Stack Developer
- **Key Achievements**:
  - Initialized and structured the project directory following a monolithic architecture
  - Designed relational database schema and ERD
  - Build backend using Laravel
  - Developed responsive frontend with TailwindCSS
  - Implemented CRUD operations with data validation
- **Tech Stack**: Laravel, PHP, TailwindCSS, MySQL
- **Tools**: XAMPP, JetBrains Webstorm, Visual Studio Code, GitHub
- **Repository:** github.com/eisBlume0901/AniMaker 🔗

09/2023 – 12/2023

Inventory Management System for Acne Org Alternatives, *Information Management Project*
- **Role**: Technical Writer, Project Manager, UI Designer
- **Key Contributions**:
  - Translated business requirements into structured functional and non-functional system specifications
  - Designed core modules including Product Management, Inventory Tracking, Role-Based Account Management, and PDF Report Generation
  - Produced context flow diagram, flowchart diagram, data flow diagram, system architecture, and use case diagram for each core modules
  - Proposed a scalable full-stack implementation strategy aligned with Agile methodology, incorporating trade-off analysis to balance system performance, maintainability, and development constraints.
- **Repository:** github.com/eisBlume0901/Information-Management-Final-Project 🔗

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

Python Object-Oriented Programming
- Issued by LinkedIn in July 2024

Excel Basics for Data Analysis
- Issued by IBM through Coursera in May 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

Programming Foundations: Object-Oriented Design
- Issued by LinkedIn in June 2024

Data Visualization and Dashboards with Excel and Cognos
- Issued by IBM through Coursera in May 2024

Introduction to Data Analytics
- Issued by IBM through Coursera in April 2024

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

LANGUAGES

English: B2 TOEFL | **Filipino** | **Mandarin** | **German:** A1 CEFR

REFERENCES

Rico Sancho Abarro, *Custom Software Engineering Manager,* Accenture
rico.sancho.g.abarro@accenture.com, 09065513162

John Alex Robles, *Data Intelligence Officer,* Joy~Nostalg
ahleksu.dev@gmail.com, 09919873502

DECLARATION

I hereby state that all the information noted above is accurate to the best of my beliefs and I take full responsibility for the correctness of the information

Mary Kate F. Anecito