Arthur M. Artugue

arthurartugue392@gmail.com | LinkedIn: Arthur Artugue
Github: github.com/majiinB | Portfolio website: personal-portfolio-virid-delta.vercel.app

Computer Science student majoring in Application Development, specializing in backend, AI integration, and machine learning. Experienced in Node.js, Google cloud, Spring Boot, and FastAPI. A fast learner, team player, and reliable problem-solver.

Education

University Of Makati   **Bachelor's of Science in Computer Science**
West Rembo, Taguig   *August 2022 - Present*
- **Concentrations:** Application Development, AI Integration, Backend Engineering and Machine Learning
- **Relevant Coursework:** Computer Programming (Java, PHP, C#), Object-Oriented Programming, Software Engineering, Web & Mobile App Development, Discrete Math, Probability & Statistics, Information Management, Project Management

Work Experience

University of Makati Educational Development Foundation Inc   **Web Deployment Coordinator**
West Rembo, Taguig (Remote)   *September 2025 - Present*
- Deploy WordPress sites on GoDaddy and manage domains and hosting.

Aral   **Project Coordinator**
Remote (Online Business)   *February 2025 - May 2025*
- Coordinated a 3-person team to deliver 10+ academic reviewers, acted as client liaison, and ensured timely project completion.

Aqua Fresco Beach Resort   **Backend Developer**
Bangatalinga, Iba, Zambales (Remote)   *June 2024 - July 2024*
- Developed RESTful APIs with Node.js and Express.js to handle booking, payments, and transactions.
- Integrated PayMongo for secure online payments and designed a scalable Firestore database for deployment.

Projects

Heron Wellnest - Mobile and Web App (Academic Project)   **Machine Learning Engineer and Backend Developer**
West Rembo, Taguig   *September 2025 - Present*
- Designed the system architecture, PostgreSQL database, and GCP cloud infrastructure for a gamified student mental well-being platform.
- Built backend APIs with Node.js and Express.js and implemented a Python/FastAPI ML microservice for behavioral and NLP-based classification.
- Trained ensemble tree models, neural networks, SVM, and XLM-RoBERTa to assess students' mental well-being.

Deck - Mobile App (Academic Project)   **Backend Developer**
West Rembo, Taguig   *February 2025 - May 2025*
- Built 5+ RESTful and RPC APIs using Node.js, Express, and Firebase for AI-powered flashcards, quizzes, and task management.
- Integrated Gemini AI for automatic flashcard generation, reducing manual prep by ~80%.
- Designed a scalable Firestore schema and implemented OAuth 2.0 authentication for secure multi-user testing.

Archivary - Desktop App (Academic Project)   **Backend Developer**
West Rembo, Taguig   *November 2023 - January 2024*
- Designed the MariaDB database schema to manage books, users, reservations, and borrowing activity.

- Implemented application logic and functionality for all user interactions, including adding books/users, making reservations, and borrowing books.

- Enabled activity tracking and management for all roles, integrating database operations seamlessly with the application logic.

Achievements, Certificates and Curriculars

- DICT Advanced Level of Software Engineering - March 2024
- DICT Using Firebase as an Application Backend - June 2024
- DICT Advanced Level of Cloud Computing - August 2024
- UMAK InfotechnOlympics 2024 Android App Development Category Participant - October 2024
- UMAK InfotechnOlympics 2023 .Net Programming Using C# - November 2023
- UMAK Panelist – COMPROG2 & INFOMAN Final Project Presentation (I-DCSAD) – June 2024

Skills

Technical Skills
- **Languages/Frameworks:** Java, C#, SpringBoot, JavaScript, TypeScript, Node.js, ExpressJs, Python, HTML, CSS, NextJs
- **Database/Hosting:** Postgres, MySQL, MariaDB, Google Cloud, AWS, Firebase, Vercel, GoDaddy
- **Tools/Platforms:** Git, Github, Postman, Docker, Paymongo API, Gemini API, OpenAI API, Figma

Soft Skills: Teamwork, Communication, Adaptability, Problem Solving, Critical Thinking, Time management, Work Ethic, Fast learner