Yoseph Oktavianus Yusanto

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yosephyusanto-portfolio.vercel.app

Education

Bina Nusantara University — Jakarta, Indonesia
Undergraduate in Computer Science Major, Cumulative GPA of 3.93 as of 5th semester — *Aug. 2023 – Present*

Experience

Associate Programmer — March 2025 – Jan. 2026
Bina Nusantara IT Division — *Jakarta, Indonesia*

- Developed features for BINUS AcademicService and Library websites, working on both backend and frontend using ASP.NET Web API, Azure Function, React Typescript, Azure DevOps, CosmosDB, and SSMS
- Successfully delivered 4 major features that enhanced functionality and usability of the platforms.
- Collaborated closely with System Analysts to align development with business requirements and ensure smooth delivery of backlogs.
- Participated in daily stand-up meetings to share progress, address challenges, and coordinate with the team.
- Worked under an Agile methodology, ensuring iterative development and continuous improvement.

Flutter Instructor — Nov. 2024 – May 2025
Bina Nusantara Computer Club (BNCC) — *Jakarta, Indonesia*

- Taught 13 sessions (100 minutes each) in the Flutter Regular Class program.
- Guided and mentored 7 BNCC members in learning Flutter fundamentals and application development.
- Designed and evaluated quizzes every 3 sessions to track progress and reinforce understanding.
- Reviewed and assessed mid-term and final projects, providing feedback to improve technical skills and code quality.

Projects

Drug Fine Tuned ChatBot enhanced using RAG | *Python, Streamlit* — October 2025 – December 2025

- Fine tuning chatbot using google/flan-t5-base model with LoRA for fast training
- Using FAISS vector database to store drug knowledge and using all-mpnet-base-v2 to embed text
- Combine RAG from FAISS with the fine tuned model to improve answer quality with factual information and medical style answer
- Web Scrapping from DailyMed website and Medlineplus website for training dataset and RAG data

EcoAir | *Dart, Flutter, Open Street Map* — August 2025 – Sept 2025

- Developed Android and IOS application using Flutter with Open Street Map and OpenWeather API
- Implemented Dio package to retrieve data from API
- Slicing total of 30 screen from figma and ensure it is quality and responsiveness
- Use Geolocator to get realtime user's location

RentCar | *ASP.NET Web API, React-Ts, Tailwind, Shadcn, PostgreSQL, Railway* — July 2025 – Sept 2025

- Developed a RentCar service where customer can rent a car and employee can manage car data
- Using Tanstack Table and modify it to server side pagination to increase performance on large data
- Implemented Authentication and Authorization for customer and employee using JWT
- Using Docker to containerized the backend for easy deploy to Railway

CeritaNusa | *Flutter, Firebase, Supabase, Django, MongoDB* — Feb 2025 – June 2025

- Developed a Cross Platform Mobile Application for learning Indonesian's History through Material, Quiz, and Chat with tutor
- Using Firebase for Authentication and Authorization
- Consume API using Dio and Manage state using BLOC
- Using Supabase for free Image Bucket

Technical Skills

Languages: C/C++, C#, Java, Python, SQL (PostgreSQL, MySQL), JavaScript, HTML/CSS, Dart, PHP
Frameworks: React, Flutter, ASP .NET, Laravel
Developer Tools: Git, Docker, Azure DevOps, VS Code, Visual Studio, , Eclipse, Android Studio