Achmad Yuneda Alfajr

Software Engineer | Data Engineer

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SUMMARY

Software Engineer with 2.5 years of experience with varying degrees between front end, back end and automation. Capable of working with a variety of technology and software solutions and managing databases. Beyond traditional development, I have also worked on AI-driven solutions, particularly in Generative AI.

TECHNICAL SKILLS

- Languages   :   Javascript, Typescript, Python, Go, Kotlin.
- Technologies   :   React JS, Next JS, Node, Express, Nest JS, Github, Jira, GCP, Firebase, Selenium, Redis, Google Cloud Pub, Kafka.
- Other   :   Postgre SQL, MySQL, VM, gerkhin, Big Query, OpenAI, Generative AI, Docker.

PROFESSIONAL EXPERIENCE

TOMIE TECHNOLOGY   **Singapore**
Software Engineer   **01/2025 - Present**

- Convert UI/UX designs from Figma into fully responsive and interactive React applications, ensuring a seamless user experience across devices.
- Ensured the Develop and optimize application logic, maintaining clean, efficient, and scalable code for long-term maintainability.
- Implement Kafka for real-time data streaming and inter-service communication between microservices, enabling seamless data flow and synchronization across multiple databases.
- Collaborate with designers, product managers, and stakeholders to align technical execution with business objectives

GOCEMENT   **Surabaya, Indonesia**
Data Engineer   **02/2024 - 12/2024**

- Developed python scripts to automate the proccess using GCP Cloud Function.
- Ensured the quality and reliability of products, services, or processes.
- Analyzed issues related to a data warehouse and database.
- Provided support and maintenance.
- Delivered data visualization solutions using Looker.
- Created and managed table data in BigQuery through join operations, leveraging automation and scheduled queries in GCP.
- Integrated Jira automation with BigQuery to provide data for analysis.
- Designed and implemented dashboards using Looker to enable company analysis for monitoring business processes and evaluating sales data, utilizing BigQuery as the data source.
- Integrated Jira with external systems to send WhatsApp notifications to designated targets when specific events occur, such as issue creation or linked issues aligned with defined business processes.

SFS GROUP   **Surabaya, Indonesia**
Web Developer   **03/2023 - 02/2024**

- Built an AI-powered platform that helps businesses create and customize chatbot responses.
- Developed a feature that allows saving past conversations and improving chatbot accuracy over time.
- Created a chatbot plugin that makes it easy to add AI chatbots to websites with minimal setup.
- Contributed to the development of broadcast message system with pubsub

- Handled for both the cloud function and frontend project using react, typescript, firebase, redis.
- Used state management like redux and context to handle the data in the front end
- Used ui library like MUI and Ant Design to help the proccess of slicing front end page
- Collaborated with the QA team to write clear Gherkin scenarios and select automation tools supporting Gherkin and Kotlin, like Cucumber, and set up the development environment.
- Integrated a payment gateway for both frontend and backend systems to support subscription management and cancellation using Xendit, including handling detailed invoice information for each billing cycle.

PT AKSAMEDIA MULIA DIGITAL   **Surabaya, Indonesia**
Fullstack Web Developer   **11/2022 - 03/2023**

- Developed visually appealing user interfaces that enhance user experience using React, TypeScript, and Chakra UI
- Developed high-performance, scalable, and maintainable full-stack applications using NestJS, GraphQL, Apollo Server, and TypeORM
- Employed Swagger for seamless API documentation, enabling clear and comprehensive documentation for developers, stakeholders, and end-users alike
- Utilized packages such as Passport, bcrypt, and JWT for robust authentication and authorization
- Developed a notification module that utilized push notifications, leveraging the Firebase Cloud Messaging (FCM) token system.
- Integrated OTP WhatsApp using Twilio services.

INTERNSHIP

PT AKSAMEDIA MULIA DIGITAL   **Surabaya, Indonesia**
Fullstack Web Developer   **09/2022 - 10/2022**

- Implemented a system where users could request verification status.
- Developed a business group module enabling management of premium and non-premium content for verified and non-verified users.

PT ANDROMEDIA   **Surabaya, Indonesia**
Full Stack Engineer   **08/2022 - 12/2022**

- Implemented database using PostgreSQL.
- Implemented Backend using Node.js platform. with and Prisma ORM
- Implemented Frontend using React and/or Tailwind platforms.

EDUCATION

UNIVERSITAS PEMBANGUNAN NASIONAL "VETERAN" JAWA TIMUR   **Surabaya, Indonesia**
Bachelor of Engineering, Major in Computer Science   **2019 - 2023**

- GPA : 3.92 (Magna cumlaude)
- Thesis: Classification Of Distracted Driver Using Support Vector Machine Based On Principal Component Analysis Feature Reduction And Convolutional Neural Network
- Publish paper Classification Of Distracted Driver Using Support Vector Machine Based On Principal Component Analysis Feature Reduction And Convolutional Neural Network nn Jurnal Komputer Dan Informatika
- Publish paper Website Development to Display Crypto Coin Prices with Application Programming Interface on Jurnal Teknik Informatika dan Sistem Informasi

ORGANIZATIONS

Mobile Developer Community (Vice President)

- Assisted lead organizer in all matters within the community.
- Managed the coordination of the community team and all its members.
- Gave lesson on learning Flutter with Dart

LICENSES AND CERTIFICATIONS

- Belajar Dasar Structured Query Language (SQL) – Dicoding
- Junior Web Developer – Badan Nasional Sertifikasi Profesi
- Belajar Dasar-Dasar DevOps - Dicoding
- AWS Academy Graduate – AWS Academy Machine Learning Foundations
- Belajar Membuat Aplikasi Web Dengan React - Dicoding
- Python Fundamental for Data Science
- Belajar Machine Learning untuk Pemula - Dicoding
- Belajar Membuat front-End Web untuk Pemula - Dicoding
- Memulai Pemrograman dengan Python - Dicoding