

ADNAN AL-FARIZI RAHMAT

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Passionate about technology and software development. I spent more than 4 years working in technology ranging from Backend Developer, Web Developer, to Full Stack Developer with various complex products such as Internet Banking System, Mobile Banking, Monitoring System, Attendance System, and AI Service.

EDUCATION

UNIVERSITAS KOMPUTER INDONESIA

Bachelor of Computer Science

Cumulative GPA: 3.75/4.0;

Relevant Coursework: Algorithms; Design Pattern; Software Development Life Cycle; Database; Data Mining; Text Mining;

Bandung, Indonesia

Sep 2020 – Sep 2024

WORK EXPERIENCE

PT WIDE TECHNOLOGIES INDONESIA

Software Engineer - Full Time

- Developed Retail Internet Banking and Backend API for Mobile Banking in 2 banks in Southeast Asia including Affin Bank Malaysia and CCU Bank Cambodia (**Java EE, Spring Framework, Hibernate, PostgreSQL, OracleDB, Agile**).
- Integrate Backend with Gateway and Frontend to ensure banking processes run properly.
- Implemented backend best practices and design patterns with other engineers.

Jakarta, Indonesia

Dec 2024 – Present

PT LEXGO KARYA INDONESIA

Full Stack Developer - Full Time

- Optimizing the chunking strategy for embedding knowledge, ensure the context of the uploaded document is not lost (**Python, Semantic Text Splitter**).
- Add and integrate models other than ChatGPT (Gemini and MistralAI), so that users are more flexible in using rei and digging deeper into the uploaded documents (**Python, ChatGPT API, Google Generative AI, MistralAI, Retrieval-augmented Generation, Vector Database, PostgreSQL**).
- Developed and maintained 2 projects, including Rei Project and Lexdigi (**Laravel, Flask, REST API, Docker, VueJS**).
- Created prompt to produce output that matches the specified context and format (**Prompt Engineering**).
- Optimized web application performance and deployment efficiency across multiple projects (**Vite**).

Remote

Feb 2021 – Nov 2024

PT ORIZA SATIVA ABADI (Tintapuccino)

Programmer – Full Time

- Developed and maintained more than 3 web applications, including Point of Sales, Hospital Management Information and System, Planning and Budgeting Information system (**PHP, Laravel, JQuery, MYSQL, CodeIgniter**).
- Experienced in teaching Web Programming to around 90 participants, focusing on mastering the basics of web development (**Teaching, Create Learning Materials, Practical Assignments**).

Bandung, Indonesia

May 2019 – May 2020

ORGANIZATIONAL EXPERIENCE

UNIKOM CODELABS

Vice President

- Successfully accepted 15 new members from 102 applicants by leading the first complete recruitment (**Leadership**).
- Manage and develop 4 products in a timely manner, including Socialabs, Splace Classroom, Doko, and Swafoody (**Project Management**).

Bandung, Indonesia

Mar 2023 – Apr 2024

Backend Engineer

- Research and practiced backend engineering and data scient with attention to code quality and performance (**Python, NodeJS, JavaScript, TypeScript, NoSQL, Research**).
- Participate in maintenance 4 Internal University Product.

Mar 2022 – Mar 2023

GOOGLE DEVELOPER STUDENT CLUBS

Co-Head of Tech

- Learned and practiced backend engineering and data scient (**Python, Golang, JavaScript, TypeScript**).
- Contribute to the design and planning of events, such as Study Jams and Seminars (**Create Curriculum, scheduling**).
- Participating Google solution challenge.

Bandung, Indonesia

Sep 2022 – Aug 2023

SELECTED PROJECTS

CCU Premier Mobile

Mar 2025

- Developed and maintained a Mobile Banking App.
- Enabled users to make international transfer via Swift.
- Enabled users make transfers to other local banks via NCS.
- Utilized: **Java, Spring MVC, Hibernate, PostgreSQL**

SOCIALABS

Mar 2024

- Designed and implemented an Analytics Media Social.
- Enabled users to find out what topics are being discussed about a keyword within a certain time span in minutes.
- Enabled users to know what posts are in a topic and who is posting.
- Utilized: **Python, Flask, ReactJS, Docker, RabbitMQ, Vite, TypeScript, MongoDB, LDA Algorithm, LLM**

SPLACE CLASSROOM

Nov 2023

- Designing and implementing a learning management system in 1 Month.
- Enabled teachers to know how to create quizzes by simply uploading modules.
- Enabled students to ask chatbot questions related to specific learning modules.
- Utilized: **NextJS, Flask, TypeScript, Python, Azure Open AI**

REI AI

Nov 2023

- Developed and maintained an AI assistant trained.
- Enabled users to communicate with the chatbot based on the uploaded document by simply uploading the document.
- Enabled users to customize the chatbot as needed.
- Utilized: **Python, PHP, JavaScript, Generative AI API, RAG, LangChain, PostgreSQL, Docker, VueJS**

LEXDIGI

Feb 2021

- Developed and maintained Software as a Service (SaaS) for document lifecycle management and analytics applications.
- Enabled users to use automated templates for legal documents and build contracts in minutes.
- Enabled users to collaborate with teams or external counsels in creating, reviewing, and approving documents online.
- Utilized: **PHP, Laravel, JavaScript, JQuery, HTML, CSS**

POINT OF SALES

Apr 2020

- Designed and implemented a point-of-sales application in 1 Month.
- Enabled users to manage transactions including adding promos and discounts.
- Enabled users to generate reports in the form of xlsx and docx.
- This website is built with a focus on customization, so that users can customize the application to their needs, such as user access management and roles, how items are displayed, and embedding modifiers on each sales item.
- Utilized: **PHP, Laravel, JavaScript, JQuery, HTML, CSS**

ACHIEVEMENTS

Top 10 Finalist | Microsoft Virtual Hackathon

2022

Runner Up | LKS Web Design Sukabumi

2019

SKILLS AND OTHERS

Programming Languages: JavaScript, Java, PHP, SQL, Python, Golang, TypeScript, Rust

Frameworks: Spring Boot, Laravel, Django, Flask, NestJS, VueJS, ReactJS, NextJS, Tailwind CSS, Bootstrap

Developer Tools: Git, Testing Library, Webpack, Vite, Docker, Redis, K6, Docker, RabbitMQ, Kubernetes, AWS

Relevant Skills: Software Development, Web Performance, Web Accessibility, Prompt Engineering, Clean Code, Software Testing, CI/CD, REST API, Performance Test

Certifications & Training: TensorFlow Developer Certificate, Bangkit Academy Machine Learning 2023, COMPFEST 14 Software Engineering Academy - Participant, CPC Gemas'TIK XV 2022 - Participant, Cloud Practitioner Essentials (AWS)

Publication: Enhancing Topic Modeling Coherence through Aggregation: A Case Study of Indonesian Rupiah Inflation on Social Media (IEEE, 2024)