Curriculum Vitae

Muhammad Akbar

Software Engineer - Backend

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SUMMARY

Tech Enthusiast with a specialty as a Backend Engineer who loves to teach. Currently, I have more than three years of working experience as a software engineer in a professional field. I started my professional career as a backend developer back in 2020 and continue my journey to learn more about other tech stacks, especially in the backend world. I am willing to work together as a team or individually and can work everywhere.

EDUCATION

Universitas Teknologi Digital Indonesia   **Bantul, DIY**

Majoring in Informatics

WORK EXPERIENCE

Ruang Tee-Mu | Part Time   **Bantul, DIY**

Web Developer   *December 2023 – Present*

- Conducting research and developing web applications that support various company initiatives, including content creation and management, product development, as well as the development and management of e-commerce platforms.

Naya Technology | Contract   **Sleman, DIY**

Backend Engineer   *January 2023 – August 2023*

- Join the Engineering division.
- Responsible for the full development lifecycle designing, developing, testing, deploying, maintaining, monitoring, and improving Autopilot Business Tools.
- Wrote well-structured and testable code, conducted debugging, addressed bugs, and performed bug fixing with proper solutions.

[PT. Indivara Group](#) | Contract   **North Jakarta, DKI**

Product Technical Specialist / Java Developer   *July 2021 – January 2022*

- Join the Product Departement.
- Involved in the development of the loyalty exchange platform, enabling merchants to generate loyalty points for their customers and providing an ecosystem for customers to redeem and exchange points at various other merchants using Java, Spring Framework, MyBatis and PostgreSQL.
- Wrote well-structured and testable code, conducted debugging, addressed bugs, and performed bug fixing with proper solutions.
- Collaborated with other engineers including frontend, backend, PM and BA, to solve problems and fulfill filled business needs from clients.

Praxis Academy | Contract   **Yogyakarta, DIY**

Backend Engineer / Education Mentor   *June 2019 – April 2021*

- Teaches about the basics of backend development using Java, which includes data structures, object-oriented principles, design patterns, unit testing, database management, JDBC database access, and ORM, as well as endpoint development using the Spring framework.
- Involve in development of a loyalty management web application utilizing Camunda BPMN and integration with Spring Boot and PostgreSQL database.

PROJECTS

- **Autopilot Business Tools**

   May 2023 - August 2023

API Master Data Requirements | May 2023 - September 2023

A master data API acts as a connector to reach the fundamental details within a system. Its primary function in web app development revolves around enabling access to, updating, and syncing this essential data seamlessly. Additionally, it plays a role in verifying data accuracy and ensuring its protection from unauthorized access..

My responsibilities:

- Implement RESTful API for managing master data like categories, including Companies, Employees, Strategies (vision, mission, values), Perspectives, Goals, SWOTs (Strengths, Weaknesses, Opportunities, Threats), KPIs (Key Performance Indicators), Histories, etc.

Team size: 3 persons

Technologies/Tools: Golang, Gorm, Fiber, PostgreSQL, Docker, Git, Goland IDEA, Postman, Dbeaver, Browser, Gitlab, Telegram

- **Academic System of Course Institutions**

   August 2019 - November 2019

OpenkurSI | *August 2019 - November 2019*

OpenkurSI is a web application for academic management of course institutions which includes registration, classes, subject, schedules, attendance, exams, assessments, etc.

My responsibilities:

- Design and migrate the database schema
- Implement user management features for account registration and login
- Implement features such as subject, class and assessment management
- Provide endpoint via API

Team size: 5 persons

Technologies/Tools: Java, Micronaut, MariaDB, VS Code, Postman, Dbeaver, Git, Github, Browser, Telegram

- **School Curriculum Management System**

  November 2019 - February 2020

STEAM DOM | *November 2019 - February 2020*

Web application for schools curriculum management based on the STEAM learning method, containing school management, teachers, students who are members of Steam DOM.

My responsibilities:

- Create from scratch

- Design and migrate the database schema

- Authentication create register user service

- Authentication create login service

- Master data academic API

- Implement schools management

Team size: 10 persons

Technologies/Tools: Java, Micronaut, CockroachDB, Docker, VS Code, Postman, Dbeaver, Gitlab, Telegram

SKILLS

Language	:	Java, Go, SQL, NoSQL.
Backend	:	Linux, Spring and Springboot, Micronaut, Fiber, PostgreSQL, MySQL, MariaDB, MongoDB, RestAPI.
Platform	:	GiHub, GitLab.
Tools	:	Git, Docker, Podman VS Code, Intellij and Goland IDEA, Terminal, Browser, Postman, Insomnia, DBeaver.

CERTIFICATION

Dicoding

Memulai Pemrograman Dengan Java   *Issued on November 2024*

Credential ID: EYX4J8Q7OZDL   *Expires on November 2027*

HackerRank

Java (Basic)   *Issued on December 2023*

Credential ID: 3159D2A2202C   *No expiration date*

AWS Academy   *Issued on December 2023*

Aws Academy Cloud Operations   *No expiration date*

Alibaba Cloud Academy   *Issued on June 2024*

Big Data Certification   *Expires on June 2026*