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Enthusiastic and solution-oriented Back-End Engineer with professional experience in back-end engineering and full-stack engineering. Proven expertise in developing and deploying robust, high-performance applications using Golang, Spring Boot, Node.js (NestJS, ExpressJS), and javascript framework (AngularJS, VueJs, NextJS). Creative, adaptive, and has a high motivation to learn new things to improve my expertise, especially in Software Engineering fields.

Work Experience

PT Pakar Digital Global (Paper.id)

Full Stack Engineer (Associate Consultant, Technology)

Apr 2025 - Oct 2025

- Architected and delivered a full-stack percentage-based down payment feature for invoices, enabling dynamic calculations from total amount or outstanding balance, adopted by 15% of active users within the first quarter.
- Executed specialized full stack customization, including payment receipt adjustments and communication channel adjustments and templating, to meet the unique needs of two major enterprise clients using Laravel, Golang, and AngularJS.
- Developed core invoice components for the Malaysian platform using AngularJs, Golang, and ArangoDB, ensuring mandatory synchronization with the government's MyInvois system, which enabled the market launch.
- Engineered a new mandatory financial document, the Debit Note, used to adjust invoice value post-synchronization with MyInvois, ensuring regulatory adherence using AngularJs, Golang, and ArangoDB.
- Integrated the end-to-end payment system on the Malaysian platform with the Fiuu payment gateway, successfully completing the payment flow using AngularJs, Golang, and ArangoDB.
- Enhanced application stability by designing and adding unit tests coverage for Front-end components (Jest) and Back-end services (Golang), significantly reducing regression defects and increasing code coverage.

PT Bank Neo Commerce Tbk (Neobank)

Back End Developer (Intern)

Jan 2024 - Jun 2024

- Collaborated in the development team for Bank Neo Commerce's Developer Open API Documentation platform revamp project using SpringBoot, MyBatis, and PostgreSQL
- Contributed to the implementation of authentication systems and user management features for the API documentation platform
- Developed Redis caching solutions to optimize application performance and reduce server load
- Built integration services handling HTTP requests to internal banking systems while maintaining security protocols
- Implemented CMS functionalities for streamlined documentation management and maintenance
- Engineered email-based OTP (One-Time Password) verification system enhancing platform security

PT Kawan Bantu Tekno Integra (Kawan Bantu)

Back End Developer (Intern)

Feb 2022 - Jul 2022

- Spearheaded a strategic backend migration from a legacy Fastify codebase to NestJS, significantly improving codebase stability and accelerating the feature development lifecycle.
- Dramatically improved API performance by refactoring critical geolocation queries with Knex Raw SQL, achieving substantial reductions in database latency and enhancing real-time application responsiveness.

Organizational Experience

GEMASTIK XVI by the Ministry of Education and Culture

IT Members

Apr 2023 - May 2023

- Designed and deployed network topology handling more than 3000 clients for Gemastik competition.
- Actively monitored network performance metrics, proactively identifying and resolving potential issues, resulting in a 99% network uptime.
- Handle live streaming operations for all activity resulting in more than 1000 viewers.

BCC Fakultas Ilmu Komputer Universitas Brawijaya

Head of Back End Department

Apr 2023 - Dec 2023

- Managing internal resources and curriculum of the back-end department.
- Developed and executed a comprehensive training program.
- Conducted team-building activities and offsite events, enhancing member's cohesion and strengthening relationships among members.

BCC Fakultas Ilmu Komputer Universitas Brawijaya

Member of Back End Department

Mar 2022 - Apr 2023

- Learning about back-end developments, mainly Golang, NodeJS, and PHP.
- Assist new joiners as a Mentor to the back end.
- Contributed to the development of a reminder bot internal project.
- Improved team collaboration and knowledge sharing by introducing collaborative tools and conducting regular knowledge-sharing sessions.

Education

Universitas Brawijaya	Aug 2021 - Jan 2025
Bachelor's degree Information Technology	GPA: 3.91
<ul style="list-style-type: none">Consistent academic excellence by maintaining a cumulative GPA of 3.91.	
SMAN 34 JAKARTA	Jul 2017 - Jul 2020
Natural Science	
<ul style="list-style-type: none">Achieved 2nd place in MAGE 5 Olympiad Organized by Computer Engineering Institut Teknologi Sepuluh Nopember	

Projects

<i>Brawijaya Academy</i> (project link)	Feb 2022 - May 2022
Brawijaya academy is a website mainly focused on the digital learning platform for Brawijaya University.	
Responsibility:	
<ul style="list-style-type: none">Architected and engineered a high-performance, scalable back end using NestJS, employing PostgreSQL for robust data persistence.Integrated the Midtrans payment gateway to securely process transactions and implemented Redis to create a high-speed caching layer, significantly reducing database load.Engineered a complete deployment and operations pipeline on a private Ubuntu server.Containerized the application using Docker for consistent, isolated environments and managed the production process with PM2 to ensure high availability and zero-downtime restarts.	
<i>Helphy</i> (project link)	Nov 2022 - Jan 2023
Helphy is a mobile application mainly focused on helping quadriplegic in Brawijaya University.	
Responsibility:	
<ul style="list-style-type: none">Led the design and development of Helphy, an assistive application, achieving a 95% satisfaction rate among quadriplegic users at Brawijaya University.Architected the complete application flow and user interface, focusing on accessibility and ease of use for its specific user base.Engineered the full-stack solution, developing a React Native mobile application with Redux for state management, and a robust back end using ExpressJS and Firebase.Owned the project from concept to launch, translating complex user needs into a highly effective and well-received technology.	
<i>SIMABA Fakultas Ilmu Komputer 2022</i> (project link)	Jun 2022 - Jan 2023
SIMABA is a website to support orientation day at Fakultas Ilmu Komputer Universitas Brawijaya.	
Responsibility:	
<ul style="list-style-type: none">Spearheaded the end-to-end development and strategy for a high traffic university web platform, leading the project from conception to launch.Architected a scalable and robust back end using Laravel and MySQL, designing the database and API structure to support high concurrency.Directed the front end development, integrating ReactJS, InertiaJS, and TypeScript to build a modern, responsive, and seamless user interface.Engineered and managed the full deployment lifecycle on Universitas Brawijaya private server, implementing a CI/CD pipeline for automated testing and zero-downtime updates.Delivered a high-performance platform proven to handle 1,000+ concurrent users, becoming a critical tool for the university community.	

Skills

Back-end: Golang, Java, Node.js, PHP
Front-end: JavaScript, Typescript, NextJS, ReactJS, AngularJs, VueJs, NuxtJs
Database & Tools: PostgreSQL, MySQL, ArangoDB, Redis, Docker, Git, RabbitMQ, NewRelic, Cloudwatch

Certifications

Node (Basic) Certificate by <i>HackerRank</i> (Credential ID: 36e8287d0a1b)	Nov 2023 - Present
SQL (Basic) Certificate by <i>HackerRank</i> (Credential ID: 5f5b458eac64)	Nov 2023 - Present
Java (Basic) Certificate by <i>HackerRank</i> (Credential ID: 2205babfcc36)	Oct 2021 - Present
Python (Basic) Certificate by <i>HackerRank</i> (Credential ID: 86b3d221a023)	Oct 2021 - Present