RIZKY NAUFAL ALGHIFARI

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Jakarta, Indonesia

Versatile IT Developer with expertise in backend, frontend, and mobile application development. Proficient in Node.js, Flutter, TypeScript, and modern frontend frameworks, with a strong background in RESTful API development, microservices architecture, and AI-driven solutions. Passionate about optimizing system performance, building scalable applications, and integrating intelligent automation. Adept at working in cross-functional teams to deliver high-quality software solutions.

Work Experiences

Altimeda Cipta Visitama - Depok, Indonesia   Jul 2024 - Present
Fulltime - Backend Developer

- Developed RESTful APIs using Node.js & Express.js for document processing and automation.
- Designed and implemented RESTful APIs in Go (net/http), customizing API structures and optimizing performance.
- Collaborated with AI engineers to integrate AI-driven forecasting and automation into business processes.
- Implemented microservices architecture, MVC, and CQRS patterns to build scalable and efficient systems.
- Managed database operations with PostgreSQL & MSSQL, optimizing queries and performance.
- Automated event creation in Outlook Calendar to enhance scheduling efficiency.
- Developed frontend and mobile components using Flutter, ensuring a seamless user experience.
- Optimized API efficiency through indexing, query optimization, and robust error handling.

Ismart Inter Global - Jakarta, Indonesia   Jun 2024 - Sep 2024
Freelance - Backend Developer

- Developed RESTful API for Billiard Booking platform using Node.js & Express.js.
- Built 6+ RESTful API services using Node.js & PostgreSQL, implementing CQRS for optimized data flow.
- Integrated Midtrans for seamless payment processing in product booking systems.
- Ensured real-time product availability updates using cron jobs.
- Secured authentication with JWT tokens for user management.

Ismart Inter Global - Jakarta, Indonesia   Jan 2024 - Jul 2024
Contract - Frontend Developer

- Developed and maintained complex supply chain management applications using Flutter.
- Delivered 16+ key features, significantly improving user experience and system functionality.
- Ensured full responsiveness across devices, enhancing desktop and mobile usability.
- Implemented Bloc state management, improving scalability and maintainability.
- Debugged and resolved 20+ issues, ensuring a smooth and reliable application.

Education Level

Telkom University ⊙ - Bandung, Indonesia   Aug 2019 - Sep 2023
Bachelor of Software Engineering, 3.55/4.00

- Led a 5-member team as the Project Capstone Leader & Backend Developer for Cafeasy.
- Assisted in Web & Mobile Programming for 30+ students, mentoring and guiding practical projects.
- Headed Business Development Division in the Software Engineering Student Association.

Organizational Experience and Laboratory Experience

Informatics Laboratory - Telkom University, Bandung, Indonesia   Sep 2022 - Jun 2023
Practicum Assistant

- Assisted 10+ students per practicum in Software Construction, Web, and Mobile Programming.
- Taught and evaluated HTML, CSS, JavaScript, Node.js, Firebase through 13+ modules.

Student Association of Software Engineering - Telkom University, Bandung, Indonesia   Mar 2022 - Jan 2023
Head of Business Development Division

- Managing, overseeing, and coordinating 4 operational programs.
- Supervising a team of 4 members within the Business Development Division.
- Orchestrating the business operations of the association and collaborating with businesses within the software engineering student community.
- Facilitating funding for the operational programs of other divisions within the association.

Indonesian Young Entrepreneurs Association - Telkom University, Bandung, Indonesia   Jan 2020 - Jan 2022

Staff of Human Resource Department

HIPMI PT Telkom University is an organization that serves as a platform for Telkom University students aspiring to become entrepreneurs.

- I served as the Executive Chairperson for the Open Mind 2020 and Student Fair events, overseeing 5 divisions with a core team of 9 members.
- I supervised and assumed responsibility for the execution of 2 programs.
- I supervised and took charge of the Open Mind 2021 program, leading a core team of 9 committee members.
- I provided assistance by offering solutions, ideas, and analyses for the programs related to Open Mind and Student Fair.

Skills, Achievements & Other Experience

- **Achievements** (2023): Graduated from Telkom University with cumlaude predicate
- **Interest**: Back End Developer, Mobile Developer, and Frontend Developer
- **Language** ⊘: Bahasa Indonesia : Native, English : Intermediate (B2) – Proficient in technical communication (TOEFL ITP Score: 513)
- **Achievements** ⊘ (2021): Innovillage 2021 : Ranked top 120 in the "Smart Integration Farming" social project competition, serving as an IoT Engineer. Implemented Arduino to automate watering and fertilization with Blynk support.
- **Hard Skills**: Node.js, Express.js, TypeORM, PostgreSQL, MongoDB, Typescript, Go Language, MSSQL, Flutter, Next.js, Jest (Unit & Integration Testing), Git, Postman, Midtrans (Payment Gateway), RESTful APIs, Docker, Firebase, GCP.