

MUHAMMAD FACHRI RASYIDI
FULL STACK DEVELOPER

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SUMMARY

Fullstack Developer with extensive experience in building cross-platform applications, including financial systems, AI-powered solutions, and Web3 technologies. Proficient in 8 programming languages, with 5 at an advanced level, specializing in TypeScript, the JavaScript ecosystem (React, Next.js, and other modern frameworks), and Node.js backend development. Skilled in designing large-scale system architectures, integrating APIs, and optimizing application performance using MySQL, MongoDB, Redis, Kafka, and Vector Databases. Experienced in developing mobile applications with Expo, containerization using Docker, and service orchestration with Kubernetes. Adept at managing the entire software development lifecycle, from requirements analysis and implementation to deployment and scaling in production environments.

EXPERIENCE

Chatbot AI – AutoCS – Backend Developer (2025)

- Developed an AI-powered chatbot to automate customer service with fast, natural, and contextual responses.
- Applied language model fine-tuning and Retrieval-Augmented Generation (RAG) techniques to improve answer accuracy and relevance.
- Integrated NLP with the CRM system, resulting in an intelligent chatbot capable of handling complex queries while significantly reducing customer support operational costs.

17s Club – Fullstack Developer (2025)

- Built a supplier-focused community application to foster business networking and collaboration.
- Implemented a counseling feature allowing users to schedule consultation sessions on specific dates and times, with weekly schedule resets.
- Developed a referral code system with commission-based incentives to drive member growth and engagement.

Lab App – Fullstack Developer (2025)

- Created an AI-based application to check student assignments and detect plagiarism between submissions.
- Actively used in the Informatics Laboratory at Universitas Muhammadiyah Makassar with automated reporting capabilities.

Kamus Bahasa Bugis – Fullstack Developer (2023)

- Developed a digital Bugis language dictionary in collaboration with the Language Center of South Sulawesi Province.
- Part of an official Local Government program for preserving regional languages, featuring word search, Bugis–Indonesian translation, and pronunciation guides.

Saku Sultan – Fullstack Developer (2023–2025)

- Developed a digital wallet application similar to GoPay, featuring mobile credit purchases, bill payments, and real-time balance transactions.
- Fully responsible for both frontend and backend development, including payment API integration and transaction performance optimization.

Be Rich – Fullstack Developer (2023)

- Built an MLM-based community platform for business discussions, member interactions, and network management.
- Implemented multi-level authentication, discussion forums, and network tracking systems.

EDUCATION

UNIVERSITAS MUHAMMADIYAH MAKASSAR (2020-2025)

jurusan Teknik Informatika

HARD SKILLS

Proficient in TypeScript, JavaScript, React, React Native, Node.js, MySQL, MongoDB, Redis, Git, Postman, Docker, Kubernetes, AWS, and Vector Databases.

SOFT SKILLS

Problem Solving, Critical Thinking, Teamwork, Communication, Adaptability, Time Management

CERTIFICATIONS

- Participated in "Introduction to SvelteKit: The Frontend Framework of the Future" training at Coconut Computer Club (Since Sep 2024).
- 2nd Place, Game Category – APSI (Jan 2022).
- 3rd Place, Game Category – APSI (Jan 2021).