KOMANG DAVID DANANJAYA SUARTANA

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Kota Malang, Indonesia

Computer Science student specializing in Software Engineering with a focus on Back End and Full Stack development. Proven track record across 4+ real-world projects and 3+ awards in software development competitions. Experienced in implementing robust back-end systems, while also building clean and functional front-end interfaces. Strong in problem-solving, collaboration, and adapting quickly to new challenges.

Work Experience

PolisiMuda.com - Singaraja, Bali   Apr 2025 - Present
Fullstack Developer
- Developed and maintained 30+ RESTful, Stateless API endpoints for a scalable education and testing platform using Go Fiber, PostgreSQL, and PGX, improving system structure and reducing integration friction by 33% through the use of back-end best practices and design patterns.
- Built a React admin dashboard and user-facing front-end with 25+ unique pages, utilizing cookies and local storage for seamless session and token management, reducing front-end load times by 30%.
- Implemented a live test feature supporting 100+ concurrent users, including a real-time scoreboard updating every 5 seconds, enhancing engagement and delivering instant performance feedback.
- Enabled bulk test creation via CSV uploads, decreasing admin setup time by 70%.
- Delivered end-to-end development independently, maintaining rapid delivery cycles with a 95% on-time release rate, while coordinating directly with stakeholders.

Intrivia - Kota Malang, East Java   Jul 2024 - Oct 2024
Back-end Developer
- Developed the back-end system for INTRIVIA 2024, supporting 500+ active users during the event using Go Fiber, PostgreSQL, and GORM.
- Implemented JWT authentication, assignment submission, and an admin panel, reducing manual task management by 75%.
- Ensured 99% uptime during peak traffic by actively monitoring and optimizing Docker containers.

Ormaba - Kota Malang, East Java   Jun 2024 - Nov 2024
Fullstack Developer
- Developed a fullstack web app for 125+ active users, with UI/UX support from 1 designer, used for onboarding and task tracking.
- Created 14+ back-end API endpoints with role-based access (user, admin, mentor) using Go Fiber, PostgreSQL, and GORM, preventing 99% of unauthorized access attempts.
- Built 16+ front-end pages using React, MUI, and React Query, improving page load speed and reducing user navigation time by 40%.
- Completed 10+ sprints over 5 months, achieving 100% on-time delivery despite frequent mid-sprint changes from stakeholders.

Abdimasa - Kota Malang, East Java   May 2024 - Sep 2024
Back-end Developer
- Designed and developed 25+ REST API endpoints using Go Fiber, PostgreSQL, and GORM, for a village-based platform, managing users, tourism, business data, suggestions, and admin tools.
- Secured endpoints with JWT and role-based access, reducing unauthorized access attempts by 99%.

Education Level

Universitas Brawijaya - Kota Malang, East Java   Jul 2023 - Jul 2027 (Expected)
Undergraduate Computer Science, 3.95/4.00

Organizational Experience

Basic Computing Community - Kota Malang, East Java   Dec 2024 - Present
Lead Back-end Developer
- Designed and developed a 10+ topic back-end curriculum covering Go, REST APIs, testing, logging, caching, and real-time systems, used in training sessions for 15+ members.
- Taught back-end fundamentals and Go programming to 10+ interns through an interactive workshop and live coding, improving back-end literacy across the community.
- Led an internal back-end project with a team of 3 developers, applying curriculum content in practice and simulating real-world software team workflows.

Skills, Achievements, & Other Experiences

- **Soft Skills:** Time Management, High Responsibility, Leadership, Problem Solving, Critical Thinking, Team Communication.
- **Hard Skills:** Programming Language (Go, Javascript, Typescript, Java, PHP), Framework (Gin, Fiber, Laravel, Springboot, React, Nextjs), Database (MySQL, SQL Server, PostgreSQL, MariaDB, Redis), API Development (REST, GraphQL, gRPC), DevOps (Docker, Github Actions).
- **Achievement (2025):** 1st Place in Software Development at CODE 5.0 AMCC.
- **Achievement (2025):** 1st Place in Android Programming Competition at I/O FEST.
- **Achievement (2025):** 3rd Runner Up in Software Development at UNITY Competition.
- **Achievement (2024):** Top 20 in Software Development at GEMASTIK XVII.