

ABUL NIZAM FAISAL

Software Engineer • 9+ Years Experience

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PROFESSIONAL SUMMARY

Software Engineer with 9+ years of experience designing, building, and maintaining scalable web and mobile applications across booking platforms, enterprise systems, and corporate learning solutions. Proven track record in backend development (PHP, Node.js), full-stack delivery (Vue, React, React Native), and cloud deployment (AWS, GCP, Alibaba Cloud). Experienced in leading small teams, mentoring junior developers, and driving end-to-end project delivery. Strong problem-solver who thrives in cross-functional teams and consistently ships reliable, performant systems aligned with business goals.

TECHNICAL SKILLS

- **Backend:** PHP (Laravel, CodeIgniter, Yii 2), Node.js (Express.js), RESTful API design, JWT & session-based auth
- **Frontend:** JavaScript, Vue.js, React.js, Svelte, HTML5, CSS3
- **Mobile:** React Native
- **Databases:** MySQL, MongoDB; database design, indexing, and query optimization
- **Cloud & DevOps:** AWS, GCP, Alibaba Cloud, VPS deployment, Docker (containerization), CI/CD pipelines (GitLab CI, GitHub Actions), server configuration
- **Practices:** Agile collaboration, code review, debugging, performance optimization, cross-functional teamwork

PROFESSIONAL EXPERIENCE

Software Engineer | Telkom Corporate University

Oct 2021 – Present

Bandung, Indonesia

- Designed, developed, and maintained **multiple web and mobile platforms** supporting corporate learning, internal events, and business operations across Telkom Group.
- Built scalable, maintainable systems with a focus on performance, security, and reliability.
- Reduced page load time through query optimization, caching strategies, and frontend refactoring.
- Architected and shipped end-to-end features — from database schema and API design to mobile/web UI — owning the full delivery lifecycle.
- Containerized applications using Docker to standardize development and deployment environments across the team.
- Integrated third-party services including Midtrans payment gateway, Single Sign-On (SSO), and notification systems to extend platform capabilities and streamline user workflows.
- Implemented role-based access control (RBAC) and audit logging across platforms to meet enterprise security and compliance standards.
- Led small project teams, owning planning, technical decisions, and delivery for end-to-end feature rollouts.
- Mentored junior developers and interns through pair programming, code reviews, and technical guidance — accelerating their ramp-up and improving overall team output.

- Established coding standards and conducted peer code reviews, raising overall code quality and onboarding speed for new team members.
- Collaborated with product, UI/UX, and QA teams in Agile sprints to ship features on time and aligned with business goals.
- Led system optimization, bug triage, and continuous improvements that enhanced platform stability and user experience.
- Contributed to flagship project Ideabox (ideabox.telkom.co.id) — Telkom's innovation platform for ideation and collaboration.

Backend Developer | WidyaAnalytic

Apr 2021 – Apr 2022

Yogyakarta, Indonesia

- Developed APIs for **multiple enterprise applications** including vehicle tracking systems, document management, and Geographic Information System (GIS) platforms.
- Engineered complex data processing pipelines and integrated with external services and IoT devices to support real-time tracking and telemetry.
- Designed scalable backend services that handled both real-time streaming and analytical workloads, supporting time-series and geospatial data.
- Implemented role-based access control and audit logging to meet enterprise security and compliance requirements.
- Wrote technical documentation and API specifications, accelerating onboarding for new developers and integration partners.
- Partnered with cross-functional teams to translate operational requirements into reliable, production-ready solutions.

Backend Developer | Soundfren

Jun 2018 – Jul 2021

Jakarta, Indonesia

- Developed and maintained **RESTful APIs** powering both web and mobile clients of the Soundfren music & community platform.
- Designed backend architecture covering user management, content delivery, social interactions, and transactional data flows.
- Improved system reliability and throughput to support sustained growth in user traffic and concurrent sessions.
- Implemented caching layers and database indexing strategies that significantly reduced API response times under load.
- Worked closely with frontend and mobile developers, providing well-documented APIs and Postman collections to streamline integration.
- Owned debugging, performance optimization, and production deployment processes, including incident response and post-mortems.

Fullstack Developer | Instanbooking

Aug 2016 – Apr 2019

Yogyakarta, Indonesia

- Designed and developed an end-to-end **hotel & travel booking platform** covering room reservations, transportation, and activity bookings.
- Built features end-to-end, from backend services and APIs to user-facing frontend interfaces and admin dashboards.
- Implemented core booking logic — availability management, dynamic pricing, room allocation, and payment/transaction flows.

- Integrated Midtrans payment gateway and third-party hotel inventory APIs to expand booking inventory and revenue channels.
- Translated business requirements from product and operations into scalable technical solutions.
- Ensured data consistency, transactional integrity, and a smooth user experience across the entire booking journey.

LIVE PROJECTS

- **Ideabox** — Telkom's innovation & ideation platform. *ideabox.telkom.co.id*
- **Karantina Indonesia** — Government quarantine information system. *karantinaindonesia.go.id*
- **Royal Gold Capital** — Corporate website for a financial services firm. *royalgoldcapital.com*

EDUCATION

Bachelor of Informatics Engineering
Universitas Muhammadiyah Surakarta

2016