

Khairil Rahman Hakiki

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EDUCATION

State Islamic University of Imam Bonjol Padang <i>Bachelor of Information Systems – Available: Immediate for Internship; Nov. 2026 for Full-time</i>	Padang, Indonesia Aug. 2022 – Present
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EXPERIENCE

Software Engineer <i>TIME Language Centre</i>	Sep. 2025 – Dec. 2025 <i>Padang, Indonesia</i>
<ul style="list-style-type: none">Owned end-to-end development of microservices in Go/TypeScript with Clean Architecture, deployed on Kubernetes achieving zero-downtime releases.Implemented Redis caching and rate limiting, reducing API response time by 40% and handling 1000+ requests/min.Engineered async payment flow using RabbitMQ + Xendit, ensuring reliable transactions without blocking user requests.Established observability stack (Prometheus, Grafana, Loki) enabling real-time debugging and proactive incident response in production.	
Junior Frontend Developer <i>CodeAtHome</i>	Apr. 2025 – Dec. 2025 <i>Lampung, Indonesia</i>
<ul style="list-style-type: none">Delivered features and resolved bugs in production React.js/Next.js apps, ensuring code stability.Standardized UI with Shadcn UI component library, accelerating development by ~40%.Slashed page load time by 50% using TanStack Query with optimistic updates.	
Software Engineer Intern <i>PT Astra International Tbk - TSO Auto2000</i>	Jan. 2025 – Mar. 2025 <i>Labuhanbatu, Indonesia</i>
<ul style="list-style-type: none">Developed Toyota dealership website with Next.js + AI recommendations, achieving 97+ Core Web Vitals score for optimal UX.Automated legacy data cleanup with Python ETL, transforming raw records into analytics-ready format and reducing processing time by 98%.Constructed ReminderApp with RBAC and auto-notifications, effectively mitigating missed STNK/BPKB renewals.	

PROJECTS

Personal Website <i>Next.js, MDX, Bun, Elysia, Generative AI</i>	Live
<ul style="list-style-type: none">Crafted high-performance portfolio with custom MDX blog engine achieving 98+ Lighthouse score.Integrated Guestbook service with Bun/Elysia and Generative AI chatbot for portfolio exploration.	
Fluently <i>React Native, Expo, Next.js, Gemini AI, Redis, PostgreSQL</i>	Live
<ul style="list-style-type: none">Launched cross-platform app with AI Speaking Coach for real-time pronunciation feedback.Designed gamification system with XP, streaks, and leaderboards using Redis-backed task engine.	
Slither <i>Go, Redis, WebSocket, Three.js, Real-Time Multiplayer</i>	GitHub
<ul style="list-style-type: none">Implemented delta compression and client-side prediction achieving 95% bandwidth reduction at 60 FPS.Architected authoritative server with spatial hash grid collision handling 1000+ entities at 30Hz tick rate.	
SyncBlog <i>Next.js, Express.js, PostgreSQL, Prisma, Cloudinary</i>	Live
<ul style="list-style-type: none">Spearheaded full-stack blog with MDX, PostgreSQL, Prisma, and Cloudinary, streamlining content delivery.	

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Go (Golang), Python, SQL
Frontend: React.js, Next.js, React Native, Expo, Redux, Zustand, TanStack Query, Tailwind CSS, Shadcn UI
Backend: Node.js, Express.js, GoFiber, RESTful APIs, Microservices, RabbitMQ, WebSocket, gRPC
Databases: PostgreSQL, Redis, MySQL, Prisma, TypeORM, GORM, Firebase, Supabase
DevOps/Observability: Docker, Kubernetes, CI/CD, GitHub Actions, Prometheus, Grafana, Loki, NGINX

CERTIFICATIONS

[OCI 2025 AI Foundations \(Oracle\)](#) | [AWS Cloud & Gen AI \(Dicoding\)](#) | [REST API Intermediate \(HackerRank\)](#)