DIMAS NURHAMZAH

Cloud & Backend Engineer

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PROFILE

Backend & Cloud Engineer with 4+ years of experience architecting scalable systems. Experienced in AWS, DevOps, Redis optimization, queue-based systems, and legacy recovery, with a focus on reliability, maintainability, and cloud cost efficiency.

WORK EXPERIENCE

Full Stack Engineer · renewsolution

Queensland, Australia | Present

- Developed backend systems for reporting, analytics, and asset/field management using clean architecture and security best practices.
- Implemented workers, clustering, and Redis caching, reducing API latency from approximately 1 second to 1-10 ms under peak traffic.
- Integrated PostgreSQL (Supabase), multi-environment AWS deployments (EC2, S3, CloudFront), and monitoring with CloudWatch and Sentry.
- Built React dashboards and React Native applications for task assignment, reporting, and offline data sync; migrated legacy maps to lightweight 3D rendering.
- Recovered long-standing WooCommerce plugin and filtering failures. Established GitHub Actions CI/CD and AI-assisted workflows with manual production audits.

Web Developer · BVR Group Asia

Bali, Indonesia | Jul 2023 - Present

- Developed a Laravel and Flutter investment app with face recognition, Xendit payments, and WebSocket notifications.
- Deployed AWS S3 and CloudFront with custom domains; built web interfaces with Next.js and Framer Motion.
- Built drag-and-drop admin tools and real-time search, integrated Brevo API, and collaborated with SEO and UI/UX teams.
- Managed Google Workspace, maintained websites, and applied TDD and integration testing.

Full Stack Developer · PT. Mitra Bisnis CiptaKarya

Denpasar, Bali | Jan 2022 - Jul 2023

- Developed a Kotlin app for parents to monitor academic performance, activities, and student attendance.
- Built a high-availability HR attendance REST API supporting registration, clock-in/out, leave requests, profiles, and salary information.
- Developed a React alumni job portal with REST API integration; conducted JMeter stress testing to improve school server reliability.

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SELECTED PROJECT

Cloud e-commerce platform | 2025

Developed an online store with webhook-based chatbot integration and a payment gateway. Deployed separate test, staging, and production environments across 3 VPCs using CloudFront, Nginx, ELB, EC2, and RDS for performance and scalability.

TECHNICAL SKILLS

Backend & systems

Node.js, PHP, Laravel, Express.js, REST API, WebSocket, queue systems, Redis.

Cloud & DevOps

AWS (EC2, S3, CloudFront, Route 53, Lambda, API Gateway, CloudWatch), GitHub Actions, Nginx, PM2.

Monitoring & databases

Sentry, CloudWatch, logging, performance monitoring, PostgreSQL, MySQL.

Frontend & mobile

React.js, Next.js, React Native, Flutter, Kotlin.

Engineering practices

System design, performance optimization, CI/CD, TDD, UX system design.

Collaboration

Problem solving, critical thinking, teamwork, Agile methodologies, project management.

EDUCATION

Institut Teknologi dan Bisnis STIKOM Bali

Bachelor of Computer System | Sep 2019 - Jul 2024 | GPA 3.50 / 4.00

- Completed the Kampus Merdeka Frontend & Backend Developer program in semester 5 with distinction.
- Completed Google Bangkit Academy Mobile Developer program in semester 6.
- Joined a lecturer-led research internship: website stress testing with JMeter and attendance application development during COVID-19.

COMMUNITY & INTERESTS

Community Service | Nov 2023

Helped community members promote their products through Facebook and Instagram.

Interests: Artificial intelligence engineering and machine learning.