

SIDDIQ ACHMAD

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PROFESSIONAL SUMMARY

Ecosystem Architect, Senior Systems Analyst, and Tech Founder with over 15 years of professional IT experience, specializing in architecting and deploying scalable, high-performance, multi-tenant B2B SaaS platforms. Expert in modern web development frameworks, centralized identity management (IAM), database sharding/isolation, and containerized self-hosted cloud infrastructure. A unique professional profile blending a rigorous, high-precision engineer's mindset with a startup founder's agility to transition complex consumer models (B2C) into hardened enterprise infrastructures (B2B). Proven track record of successfully orchestrating 100+ projects for 40+ clients while maintaining 99.9% system availability.

CORE COMPETENCIES & TECHNICAL STACK

Frontend & Architecture: Next.js 16 (App Router & Turbopack), React 19, TypeScript, Tailwind CSS 4, Motion, GSAP 3, Shadcn UI, Responsive Web Design

Backend & Security (IAM): Laravel, Supabase Auth, ZenStack, Prisma Client, Drizzle ORM, RESTful APIs, GraphQL, Centralized Identity & Access Management (IAM), Role-Based Access Control (RBAC)

Databases & Caching: PostgreSQL, SQLite, Redis (ioredis), Database Schema Migration, Multi-Tenant Data Isolation

DevOps, Cloud & Automation: Linux (Ubuntu/Debian), Proxmox VE (Virtualization & Micro-clustering), Coolify, Docker, GitHub Actions (CI/CD), n8n Automation, Resend Email Service, Cloudflare R2

Methodologies & Tools: Biome, Vitest, Git/GitHub, Agile/Scrum, Kanban, Technical Due Diligence, System Analysis, SEO Strategy

PROFESSIONAL EXPERIENCE

Founder & Ecosystem Architect

LUXIMA.ID & AWEDZ.ID | Banda Aceh, Indonesia

Feb 2022 – Present

Indonesia

- **12-Node Micro-Cluster SaaS:** Architected, provisioned, and independently deployed a distributed 12-node micro-cluster SaaS ecosystem supporting the B2B and B2C digital transformation of the wedding and creative industries across Indonesia.
- **ZenStack & Prisma Schema-First Auth:** Migrated data architecture to a schema-first authorization model utilizing ZenStack and Prisma, implementing robust tenant-level data isolation policies and type-safe RBAC across 40+ business vendor portals.
- **Supabase Multi-Tenant IAM:** Engineered the Luxima Identity Hub (auth.luxima.id), a highly resilient Centralized Identity & Access Management (IAM) service orchestrating secure authentication, cross-domain SSO, and sub-organization management.
- **TanStack Query v5 & Caching:** Integrated TanStack Query v5 and optimized server caching mechanisms via Redis (ioredis), reducing client-side data synchronization overhead and cutting dashboard API response latency by 45%.

- **Subdomain Proxy Middleware:** Programmed high-fidelity Next.js Edge middleware for tenant subdomain resolution, handling proxy routing and auth token validation for white-labeled vendor websites.
- **Resend Email Deliverability Hub:** Designed a resilient multi-tenant email dispatch service integrating Resend, injecting organization-specific SMTP domain headers to ensure maximum email deliverability and bypass SPAM blocklists.
- **Creative AI Studio Prompt Engine:** Architected a creative marketing AI Studio with dynamic cultural personas (Casual Creative, Wedding Planner, Corporate Team, etc.), integrating prompt compilation pipelines and high-speed carousel asset galleries.
- **Infrastructure & CI/CD Pipelines:** Handled end-to-end self-hosted infrastructure using Proxmox VE hypervisors and Linux instances, automating software delivery via GitHub Actions and Coolify to guarantee 99.9% uptime.

System Analyst & IT Manager

Sep 2008 – Nov 2018

Simple Solution Heca | Banda Aceh, Indonesia

Indonesia

- **IT Operations Oversight:** Directed core IT operations, systems administration, and hardware/software integration for 10 years, ensuring robust local network availability and high-performance server configurations.
- **Technical Due Diligence & Workflows:** Conducted comprehensive systems analysis, technical due diligence, and workflow optimization, reducing organizational system downtime by 30% and modernizing data archiving systems.
- **Database & IT Strategy:** Formulated long-term database structures and IT security guidelines for enterprise workflows, aligning technology budgets with business objectives.

Staff Monev (Monitoring and Evaluation)

Jun 2008 – Dec 2008

Badan Rehabilitasi dan Rekonstruksi (BRR) | Banda Aceh, Indonesia

Indonesia

- **Data Administration:** Supported high-stakes data administration, technical monitoring, and database management during the post-tsunami reconstruction phase in Aceh, ensuring accurate data tracking and reporting.
- **System Continuity & Security:** Managed data verification pipelines, optimizing reporting speeds for state asset tracking and reconstruction auditing.

Instructor (Computer Science)

Jul 2008 – Jun 2009

LP3I | Banda Aceh, Indonesia

Indonesia

- **Academic Training:** Structured and taught curriculum for programming languages, database structures, network architecture, and algorithm design to emerging computer science students.
- **Technical Mentorship:** Mentored 120+ students, establishing strong foundations in systems analysis, relational database design (SQL), and object-oriented programming (OOP).

EDUCATION

Bachelor's Degree in Management Information Systems (S1)

2009 – 2013

Universitas Komputer Indonesia (UNIKOM) | Bandung, Indonesia

Bandung, Indonesia

Diploma in Computer Science (D3)

2005 – 2009

Politeknik LP3I | Banda Aceh, Indonesia

Banda Aceh, Indonesia