NAUFAL

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Professional Summary

Software Engineer with an Information Systems background and proven experience engineering web and mobile applications serving thousands of active users. Proficient across the full software development lifecycle (SDLC), including full-stack development, API integrations, relational databases, system troubleshooting, and deployment. Adept at diagnosing root causes, designing scalable software architectures, rapidly adopting modern technologies, and collaborating in cross-functional agile teams to deliver secure, mission-critical solutions.

Work Experience

PT Mitra Integrasi Informatika (MII) **Jakarta, Indonesia**
Junior Application Developer – Bank BNI Placement *Feb 2026 – Present*

- Engineer and maintain the enterprise-scale **Operational Risk Management System (ORMS)** actively used by **1,800+ BNI operational units** (Head Office Divisions, Domestic Branches, and Overseas Branch Offices).
- Architect and implement a configurable **dynamic workflow engine** across modules, and drive key enhancements for the **RCSA module** (Control Testing, Monitoring Periods, and risk governance business processes).
- Execute end-to-end full-stack enhancements across the **frontend, backend, and database architecture** to accommodate feature rollouts, data integrations, and regulatory *change requests*.
- Perform root-cause troubleshooting, defect resolution, and collaborate closely with QA and stakeholders throughout System Integration Testing (SIT) through reliable production releases.

Metro Software Indonesia **Padang, Indonesia**
Website and Mobile Developer *May 2025 – Feb 2026*

- **Ajakan** (ajakan.me) – Full-featured digital invitation SaaS platform (RSVP, guestbook, Smart WhatsApp); processed **76,500+ orders**, connected **5.9M+ event guests**, and empowered **530+ active business partners** across Indonesia with 150+ customizable templates.
- **Oblix Pilates** (oblixpilates.id) – Pilates studio management web application actively managing **180+ members** and **2,120+ class sessions**; equipped with real-time booking, trainer scheduling, automated waitlists, and Midtrans payment gateway.
- **Mitbiz** (mitbiz.id) – Contributed to proprietary AI SaaS platform (AI Sales Agent ecosystem) automating conversational customer engagement, lead qualification, and 24/7 sales closing workflows.
- **Ryu Powertools & Rexco Solution** (ryupowertools.com | rexco-solution.com) – Rebuilt and modernized official corporate brand websites for distributor PT Altama Surya Anugerah via WordPress-to-Next.js migration, substantially improving page load speeds and UI/UX.
- **High Castle Malaysia** (highcastle.com.my) – Developed mobile and web platforms for music rehearsal studio booking across customer, admin, and studio owner interfaces.
- **IoT PlayStation Billing System** – Developed an IoT-integrated mobile billing system for PlayStation rental centers featuring automated device cutoff/activation, member hour balances, and POS F&B checkout.

Kominfo Kota Pariaman **Pariaman, Indonesia**
Full Stack Developer *May 2025 – Jan 2026*

- Developed a geolocation-based mobile attendance tracking app for all civil servants (PNS/ASN) in Pariaman City, actively serving approximately **3,000 personnel** daily across regional government agencies.
- Implemented anti-fake GPS spoofing protection mechanisms and enforced a strict *one device one account* policy to safeguard against attendance tampering.
- Secured attendance payload transmissions and record integrity utilizing HMAC-based cryptographic digital signatures.
- Managed production deployment and ensured high system availability and zero-downtime stability during peak daily check-in hours.

Bank Nagari **Padang, Indonesia**
Internship (Web Developer) *Jan 2025 – Feb 2025*

- Developed a centralized web-based internship management system for Bank Nagari's Human Capital Division.
- Built modules for applicant registration, document verification, internship period scheduling, and centralized candidate databases.
- Significantly accelerated administrative turnaround times and improved structured reporting for human capital workflows.

Education

Universitas Andalas **Padang, Indonesia**
Bachelor of Science in Information Systems (| GPA: 3.80 / 4.00) *2022 – 2026*

- Core coursework: Software Engineering, Systems Analysis & Design, Database Systems, and Mobile/Web Application Development.
- Teaching Assistant for Mobile Technology Programming, facilitating lab sessions and assessing student assignments.
- Graduate of Bangkit Academy – Mobile Development Cohort (*Distinction Graduate*).
- Won the Silver Medal at the international innovation competition IDEA Regeneration Expo 2025 (Malaysia) for the **StunBy: Indonesian Baby Growth Tracking App** project.

Additional Experience

1Clickss.com **Jakarta, Indonesia**
Mobile Developer *2025 – Present*

- Engineered the complete mobile application by rebuilding core web platform functionalities natively for mobile devices.
- Implemented secure user authentication, vendor and product catalog management, transactional workflows, and business discovery search.
- Optimized mobile application architecture and UI/UX responsiveness to deliver performance on par with the desktop web experience.
- Integrated backend REST APIs to ensure reliable, real-time data synchronization between web and mobile platforms.

Featured Projects

StunBy: Indonesian Baby Growth Tracking App | ***Mobile, HealthTech*** **2025**

- Mobile application designed to monitor child development metrics for early stunting prevention, awarded the **Silver Medal** at the IDEA Regeneration Expo 2025 in Malaysia.
- Integrated WHO-standard growth curves, nutritional screening indicators, and automated periodic immunization reminders.

Oblix Pilates – Studio Management System | ***oblixpilates.id*** **2025**

- Modern studio management web platform actively managing **180+ members** and **2,120+ class sessions**; equipped with real-time class booking, membership tiers, automated waitlists, and Midtrans payment gateway checkout.

Honors & Awards

- **Silver Medal** – IDEA Regeneration Expo 2025 (Malaysia) for the innovative *StunBy: Indonesian Baby Growth Tracking App.*
- **Bangkit Academy Graduate (Distinction)** – Mobile Development Cohort led by Google, GoTo, and Traveloka.

Skills

Programming Languages: C#, TypeScript, JavaScript, Python, Dart, Kotlin, Java, C++

Frameworks & Libraries: .NET, Next.js, React, Flutter

Databases & Cloud: PostgreSQL, MySQL, Oracle, Firebase

Tools & Protocols: Git, REST APIs, WebSocket, MQTT

Soft Skills: Problem Solving, Cross-Functional Team Collaboration, Adaptability, Fast Learner, Critical Thinking, Time Management