

# Refi Ahmad Fauzan

Software Engineer | Backend & Full-Stack | Ruby on Rails, NestJS  
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## SUMMARY

Software Engineer with nearly 4 years of experience in backend and full-stack development, specializing in Ruby on Rails and NestJS. Proven expertise in building scalable applications, designing RESTful APIs and microservices, and collaborating with cross-functional teams to deliver user-centric solutions for clients across healthcare, education, fintech, and property.

## SKILLS

**Languages:** Ruby, TypeScript, JavaScript, Python, SQL

**Backend:** Ruby on Rails, NestJS, Node.js, Express.js, Django, Laravel, RESTful APIs, GraphQL, Microservices

**Frontend & Mobile:** Hotwire, Stimulus.js, React, Next.js, Vue.js, TailwindCSS, Flutter

**Data & Messaging:** PostgreSQL, MySQL, SQLite, Redis, Sidekiq, BullMQ, RabbitMQ, Kafka, TypeORM, Prisma

**DevOps & Cloud:** Docker, Kubernetes, AWS, GCP, DigitalOcean, Nginx, CI/CD, Git

**Testing & Practices:** RSpec, Unit Testing, Code Review, System Design, Database Design, OOP, Agile/Scrum

**AI Tools:** Claude Code, Codex, OpenCode, Hermes, Cursor

**Spoken Languages:** Indonesian (Native), English (Professional Working Proficiency), Malay (Elementary)

## WORK EXPERIENCE

### Software Engineer

Snappymob Sdn. Bhd.

Jul 2025 - Present

Kuala Lumpur, Malaysia

- Deliver custom software solutions for clients across multiple industries.
- Contribute to backend development, planning, and architectural design of client applications.
- Collaborate with cross-functional teams to build scalable and maintainable systems.
- Support full product delivery from API design through frontend integration.
- Apply testing and code standards to keep releases reliable and maintainable.

### Software Engineer

Aajil Inc.

Apr 2025 - Jul 2025

Riyadh, Saudi Arabia

- Built and maintained a scalable Buy Now, Pay Later (BNPL) web application using Django.
- Integrated n8n workflows and Zoho Books for automation and accounting.
- Collaborated on AI-powered quotation line features.
- Wrote unit tests and fixed bugs to improve stability and reliability.
- Improved deployment efficiency with CI/CD and enhanced system performance.

### Backend Developer

PT. Kiranatama Teknologi (Emveep)

Jul 2023 - Mar 2025

Bandung, Indonesia

- Built scalable backend systems with a focus on reliability and performance.
- Optimized API performance, reducing response times through caching.
- Streamlined deployments with CI/CD pipelines and rigorous code quality standards.
- Integrated a microservices architecture to improve scalability.
- Implemented security protocols to safeguard data and ensure compliance.

### Full-Stack Developer (Ruby on Rails)

PT. Halalin Digital International

May 2023 - Jul 2024

Jakarta, Indonesia

- Designed SSO, LMS, and certification systems for enterprise clients.
- Delivered client MVPs by prioritizing key backend features in agile sprints.
- Reduced production defects through rigorous code reviews and testing.
- Translated business requirements into scalable technical specifications.
- Streamlined third-party integrations to enhance functionality and UX.

### Full-Stack Developer (Ruby on Rails)

PT. NIT Studio Kreatif

Jul 2022 - Apr 2023

Bandung, Indonesia

- Contributed to full-cycle development of scalable web applications using Ruby on Rails.
- Developed robust backend APIs using Ruby on Rails.
- Collaborated with cross-functional teams to deliver scalable solutions.
- Implemented automated testing and CI/CD pipelines for efficient deployments.
- Optimized system performance, improving processing speeds.

## Full-Stack Developer Intern

PT. Basic Teknologi Intersolusi

May 2022 - Jul 2022

Bandung, Indonesia

- Developed LMS platforms to automate internal workflows and communication.
- Enhanced financial applications through backend logic refinement.
- Created detailed documentation, reducing developer onboarding time.
- Assisted in debugging and performance tuning to improve system stability.
- Participated in weekly reporting sessions to improve project tracking and team collaboration.

## PROJECTS

### Cahaves Cloud | Founder | PaaS, cloud.cahaves.com (Rails 8, Next.js, Docker, DigitalOcean) 2026 - Present

- Founded PT Cahaves Technology International; building Cahaves Cloud, a PaaS that builds and deploys apps on git push.
- Architected a Rails 8 API with a Next.js console that provisions and runs containerized workloads on DigitalOcean infrastructure, with Rails as the sole tenant isolation boundary.
- Built GitHub App deployments, managed databases (PostgreSQL, MySQL, MariaDB, MongoDB, Redis), custom domains with automatic HTTPS, persistent volumes, per-service metrics, and SSH access into running containers.

### Nukitu | Healthcare Technician Marketplace (Ruby on Rails, Backend) Jul 2025 - Mar 2026

- Built an on-demand platform connecting healthcare institutions with certified medical device technicians.
- Developed contract and payment workflows with partner matching, QR work verification, and auto escalation.
- Built an admin portal and REST API for technician verification, service management, and order fulfillment.

### BPK Penabur | School Management System (NestJS, Microservices) Nov 2023 - Mar 2025

- Designed a scalable microservice architecture to centralize academic operations.
- Implemented CI/CD pipelines with Docker and Kubernetes.
- Integrated IoT devices for attendance tracking.

### Halalin | Halal Certification, LMS, and Back Office (Ruby on Rails, Full-Stack) May 2023 - Jul 2024

- Built a full-stack Halal certification platform with manual approval workflows and compliance documentation.
- Developed an LMS for training modules and progress tracking, serving 500+ professionals.
- Developed a back office admin portal (CAP) using Hotwire and Stimulus.js, reducing data entry errors by 30%.

### Property Listing | Bali Property Rental and Sale Platform (Ruby on Rails, Full-Stack) Jul 2023 - Aug 2023

- Created a property search engine with geolocation filters, boosting user engagement by 45%.
- Integrated Google Maps API to visualize listings, reducing agent-client coordination time by 30%.
- Implemented a manual payment system for user transactions.

### Neqat | QR Code and Geolocation Attendance System (Ruby on Rails, Flutter) Apr 2023 - Jun 2023

- Developed a Rails backend to validate QR-based attendance with geofencing, reducing proxy entries by 90%.
- Built a companion Flutter mobile app for real-time attendance logging and reporting.
- Simplified attendance reporting for HR teams through Excel and CSV exports.

## EDUCATION

### Bachelor's Degree in Computer Science (Fast Track Program) Mar 2026 - Jul 2028 (Expected)

Cakrawala University

- Coursework: algorithms and data structures, system design, databases, and software development life cycle.
- Led a team project developing a school management system.
- Conducted knowledge-sharing sessions, mentoring classmates in full-stack development.

## CERTIFICATIONS

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| Building with the Claude API, Anthropic   <a href="https://verify.skilljar.com/c/gpnpdmaxrgyi">verify.skilljar.com/c/gpnpdmaxrgyi</a>                                      | Jul 2026 |
| Claude Code in Action, Anthropic   <a href="https://verify.skilljar.com/c/9ix7rksa5diu">verify.skilljar.com/c/9ix7rksa5diu</a>                                             | Jul 2026 |
| Introduction to Model Context Protocol, Anthropic   <a href="https://verify.skilljar.com/c/3qy5ivqu4mum">verify.skilljar.com/c/3qy5ivqu4mum</a>                            | Jul 2026 |
| Claude Code 101, Anthropic   <a href="https://verify.skilljar.com/c/gi23nth6pa8c">verify.skilljar.com/c/gi23nth6pa8c</a>                                                   | Jul 2026 |
| Claude 101, Anthropic   <a href="https://verify.skilljar.com/c/3eifx5qcak8p">verify.skilljar.com/c/3eifx5qcak8p</a>                                                        | Jul 2026 |
| Introduction to Agent Skills, Anthropic   <a href="https://verify.skilljar.com/c/4yeczpghu7es">verify.skilljar.com/c/4yeczpghu7es</a>                                      | Jun 2026 |
| Software Engineer, HackerRank   <a href="https://hackerrank.com/certificates/f982dc9bd7a4">hackerrank.com/certificates/f982dc9bd7a4</a>                                    | Dec 2024 |
| SQL (Advanced), HackerRank   <a href="https://hackerrank.com/certificates/f21523d9a50c">hackerrank.com/certificates/f21523d9a50c</a>                                       | Sep 2024 |
| SQL (Intermediate), HackerRank   <a href="https://hackerrank.com/certificates/e3280155734e">hackerrank.com/certificates/e3280155734e</a>                                   | Sep 2024 |
| SQL (Basic), HackerRank   <a href="https://hackerrank.com/certificates/496f130f723b">hackerrank.com/certificates/496f130f723b</a>                                          | Sep 2024 |
| Node.js (Basic), HackerRank   <a href="https://hackerrank.com/certificates/9aa01b7d992c">hackerrank.com/certificates/9aa01b7d992c</a>                                      | Sep 2024 |
| Basics of Networking, Dicoding Academy   <a href="https://dicoding.com/certificates/EYX46GO4JPDL">dicoding.com/certificates/EYX46GO4JPDL</a>                               | Jun 2023 |
| Basics of JavaScript, Dicoding Academy   <a href="https://dicoding.com/certificates/EYX46GO4JPDL">dicoding.com/certificates/EYX46GO4JPDL</a>                               | Jun 2023 |
| Basics of Ruby, Udemy   <a href="https://udemy.com/certificate/UC-cab4b357-e9c3-4d9c-b999-45352adce6da">udemy.com/certificate/UC-cab4b357-e9c3-4d9c-b999-45352adce6da</a>  | May 2023 |
| Ruby with RSpec, Udemy   <a href="https://udemy.com/certificate/UC-78145369-abfe-4f3f-a525-378038a2bd54">udemy.com/certificate/UC-78145369-abfe-4f3f-a525-378038a2bd54</a> | Feb 2023 |
| Basics of DevOps, Dicoding Academy   <a href="https://dicoding.com/certificates/RVZKKWM4EZD5">dicoding.com/certificates/RVZKKWM4EZD5</a>                                   | Jan 2023 |
| AWS Cloud Practitioner Essentials, Dicoding Academy   <a href="https://dicoding.com/certificates/ERZR4DW6WZYV">dicoding.com/certificates/ERZR4DW6WZYV</a>                  | Dec 2021 |