# Naufal Firoos Asy Syarif

Full-stack developer | Yogyakarta, Indonesia

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## SUMMARY

Full-stack developer in Yogyakarta, Indonesia, building systems end to end: Next.js and React interfaces, .NET and Node.js APIs, PostgreSQL data models, and Docker and Kubernetes deployments. Co-founder of drunkcode.dev, a small software studio. Currently doing R&D on an AI-driven development workflow with Claude Code and omp, with human review at every handoff from planning to end-to-end testing.

## SKILLS

**Interface:** TypeScript, JavaScript, React, Next.js, React Native, Expo, Tailwind CSS, Flutter, Kotlin / Jetpack Compose

**API & data:** NestJS, Express.js, Node.js, C# / .NET 10, ASP.NET Core, Python, PostgreSQL, PL/pgSQL, MongoDB, Firebase

**Infrastructure:** Docker, k3s, Argo CD, Traefik, Helm, Kustomize, GitHub Actions, Woodpecker

**Practice:** SSO / MFA, HTML Canvas, Firebase Cloud Messaging, xUnit, Playwright, GitOps, Accessibility, AI-assisted development and review, Claude Code, omp

## WORK EXPERIENCE

**Full Stack Developer**, Berijalan Technocenter | Feb 2025 – Present

- Build a digital e-signature platform with Next.js, Express.js, PostgreSQL, and Docker, covering contract signing end to end.
- Integrated third-party identity verification alongside company SSO and MFA.
- Built a React Native and NestJS field-survey app with photo capture, geolocation, and push notifications.
- Migrated a legacy application to Next.js and Express.js using atomic design.

**Multi-Platform App Developer**, IDCamp | Oct 2023 – Apr 2024

- Completed the Flutter learning path through Dicoding: three courses with five-star and four-star assessments.

**Mobile Developer**, Bangkit Academy | Feb 2023 – Jul 2023

- Trained in Android development with Kotlin; built the capstone Teman Tanam, a crop-advisory app.

## PROJECTS

**Infinity Gym**, drunkcode.dev | 2026 – Present

- Gym management platform: .NET 10 modular monolith API with PostgreSQL, JWT in HttpOnly cookies, and revocable sessions in Redis.
- Next.js 16 admin CMS with a token-based design system and permission-driven navigation.
- Directed an AI coding agent (omp) to build the mobile-first member app from design frames, reviewing every change against the design and the API contract.

**DMS Platform**, Public site, CMS, and LMS | 2026 | dev-dms.byros.dev

- .NET 10 modular monolith with Identity, Content, Catalog, and Learning modules; PostgreSQL 17 and MinIO for media.
- Next.js 16 public site, admin CMS, and learner dashboard; TipTap content sanitized on save and on render.

**Tempo**, Time tracking, approvals, and invoicing | 2026 | dev-tempo.byros.dev

- .NET 10 minimal API with workspace-scoped multi-tenancy, a timesheet approval state machine, and transactional outbox email.
- Next.js 15 and React 19 client with a separate client portal; deployed to a k3s homelab cluster.

## EDUCATION

**Bachelor's degree, Information Systems**, Universitas Ahmad Dahlan | Aug 2020 – Dec 2024

GPA 3.85. Software engineering, algorithms, mobile development, and UI/UX.

## LANGUAGES

Indonesian (Native), English (Limited working), German (A1)