

Anggara Roshandi Putra

Software Engineer

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SUMMARY

Software engineer with 3 years of experience shipping production products across backend, web, mobile. At DoctorTool, builds .NET services plus the React Native patient app used by clinics across Indonesia. Previously co-founded Writeen, an edtech platform, single-handedly building its Go backend for three frontends. Comfortable owning features end to end, from API design to release, with a habit of turning user feedback into product improvements.

EXPERIENCE

Software Engineer — DoctorTool · East Jakarta, Indonesia Aug 2024 – Present

Healthcare SaaS · .NET, C#, React Native, TypeScript, Hot Updater, Firebase Analytics & Crashlytics

- Build **.NET backend services & APIs** serving both the mobile app as well as DoctorTool's web platform, including server-side work on the web project.
- Develop the **React Native** patient app (bookings, online consultations, e-prescriptions, health logs), used by clinics across Indonesia.
- Ship features end to end across backend, web, mobile, working closely with the product & design teams.
- Regularly discuss technical decisions directly with the **CTO** while reporting to a direct manager, keeping alignment across the team hierarchy.
- Ship app releases through CI/CD, delivering JS-only fixes quickly via **Hot Updater** OTA updates.
- Monitor stability with **Firebase Crashlytics & Analytics** to find, then fix, production crashes plus performance issues.

Co-Founder & Engineer — Writeen · Bekasi, Indonesia Feb 2024 – Feb 2026

Edtech platform connecting writers with mentors · Go (Gin), Next.js, TypeScript, Tailwind CSS, MongoDB, Docker

- Single-handedly built the **Go (Gin) REST API** powering **three frontends** (mentor, tutor, admin).
- Built the web product with **Next.js**, TypeScript, Tailwind CSS.
- Delivered core features: **JWT role-based access**, one-on-one consultations via chat plus video conference, Play-Lit, articles, SMTP email notifications.
- Integrated **Midtrans** payments with webhook handling, unlocking paid features automatically after a successful payment.
- Owned technical direction & infrastructure: MongoDB, Google Cloud Storage, **Docker** deployment on a VPS, release pipelines.

SELECTED PROJECTS

SUAR — 3rd Place, Safety Track, Garuda Hacks 7.0 Jul 2026

- Offline emergency app over a BLE mesh network using a compact **19-byte binary wire protocol**, with native Android emergency haptics that bypass silent mode.
- **Ucup AI Bot** — Open-source WhatsApp bot connected to ChatGPT through LangChain (TypeScript).
- **Digital Invitation (2025)** — Wedding invitation web app with a QR-code attendance system.
- **Active Mandarin Indonesia** — Course & study-in-China site for a Mandarin education provider (Next.js, Tailwind CSS).

TECHNICAL SKILLS

Languages	TypeScript, JavaScript, Go, C#, Python, Dart, Kotlin, C/C++, SQL
Backend	.NET / ASP.NET, Go (Gin), Node.js, Express, Django, Laravel · REST APIs, JWT & RBAC, webhooks
Frontend	React, Next.js, Vue, Tailwind CSS, Bootstrap, Material UI
Mobile	React Native, Flutter, Hot Updater (OTA), Play Store & App Store releases
Databases	PostgreSQL, MySQL, SQL Server, MongoDB, Firestore, Supabase
Cloud & DevOps	Docker, CI/CD, AWS, GCP, Azure DevOps, Vercel, Firebase (Analytics, Crashlytics)

EDUCATION

S.Kom. Informatics Engineering — Mercu Buana University · **GPA 3.95/4.00** 2024 – 2027

Coursework: Data Structures & Algorithms, Operating Systems, Computer Networks, Machine Learning

AWARDS & COMMUNITY

- **Top 20 Early-Stage Startups** — Pertamina Seed & Scale, 2024 (Writeen)
- **Silver Medal** — Indonesia Inventors Day, 2024 (Writeen)
- **Mobile Curriculum Mentor** — Google DSC Solution Challenge, 2024
- **Gold Medal** — ASEAN Science & Entrepreneur Fair (AISEEF), 2022
- **Finalist** — AWS Cloud Computing Club Competition (C4), 2021