

# As'ad Saleh Umar Senior Software Engineer [Gmail](#) [LinkedIn](#) [Personal Site](#) [Blog](#)

Software engineer with 6+ years of professional experience. Strong team player, leader, and teacher. Experienced in the full-stack development cycle from design to deployment. Years of hands-on experience in the web ecosystem. Loves teaching and sharing technical skills. Proficient in technical level English.

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## WORK EXPERIENCES

### School Management Service, Project | June 2024 - August 2024 (ongoing)

Serve as both project manager and frontend developer for an academic management service IT project at a private school, handling the planning, development, and delivery of the platform.

### Tangga Belajar, Self-employed | January 2023 - April 2023, 4 months

Founded Tangga Belajar, an online learning platform designed to accelerate coding education for Indonesians. It provides in-browser coding & certificate of completion. The course is now reaching 120+ users as of July 2024.

### MainstreamLabs, US (Remote) Full Time | June 2023 - January 2024, 8 months

MainstreamLabs is a startup with a vision to provide a governance platform for web3 organizations. Tech stack includes: NextJS 14 (RSC), Stripe API, NodeJS, Supabase. I helped the team to create 2 web3 web based apps.

### Infradigital Nusantara, Indonesia, Full Time | April 2020 - June 2023, 3 years and 3 months

Infradigital is a B2B Edtech Startup providing financial, compliance & supply chain services to over 20,000 low-income schools. Tech stack including: Flutter, React, NextJS, Golang, NodeJS, Android (Java), and Redis.

#### Achievements:

1. Lead a team to build a new cross-platform Flutter mobile app to 100K downloads in Google Play Store.
2. Promoted to engineering lead. Leading a total of 5 software engineers across 2 teams.
3. Assist my company in obtaining PTD (Penyelenggara Transfer Dana) certification from Bank Indonesia.
4. Help migrate a Golang + VanillaJS to a NextJS app, and launch on schedule to be used by 20k+ schools.

### Binar Academy's Full-Stack Class, Part Time | December 2022 - May 2023, 5 months

**Lecturer & mentor.** We teach a class (10-person, 6-months program) to be excellent at full-stack web dev.

### DigiTalent Scholarship's Frontend Class, Part Time | July - October 2021, 3 months

**Lecturer & mentor.** We teach a class (20 students, 3 months program) to be a front-end developer.

### RubyH, Indonesia, Full Time | March 2018 - April 2020, 2 years and 2 months

RubyH is an Indonesian software house. We work with clients including PwC, Midtrans, Akseleran, Transfez, etc. Tech stack includes: React, Redux, ReduxForm, React Native, TypeScript, Apollo GraphQL.

#### Achievements:

1. Suggest a crucial insight for Redux state architecture, which leads to a simpler FE development.
  2. Promoted as team lead. I code, mentor the team, manage the team workload, and also architect the front-end app.
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## EDUCATION

### Universitas Indonesia, Indonesia | August 2012 - August 2016

Bachelor of Science, Physics. GPA: 3.29 / 4

Thesis: Computational modeling of the atomic structure of titanium dioxide to observe its magnetic behavior.