

Hidayatullah Agung

Software Engineer

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📍 Jakarta, Indonesia

A Software Engineer with 6 years of experience in education, point-of-sale, B2B, and agency work. Experienced in backend development and desktop applications. Contributed to large government digital platforms serving over 500,000 operators. Skilled across the software development spectrum, from requirement gathering to deployment. Versatile in adapting technical approaches to meet evolving business needs. Communicates effectively with teams, documenting work clearly to support long-term maintenance and growth.

Experience

Software Engineer at GovTech Edu (2021 - Present)

An organization that worked directly with the government and the Ministry of Education, Culture, Research and Technology, as well as part of Telkom Indonesia.

- Developed key features for ARKAS, a school **budget planning system** (a *.Net and Electron.js* app) managing IDR 50+ Trillion for 500,000+ users. Built **APIs, reporting**, and data backup features.
- **Designed** and built internal tools using *Go* to help the on-call team analyze ARKAS user problems.
- Contribute in the development of KASDIK (*Konsol Administrasi Keuangan Satuan Pendidikan*), a platform on top of *Go* that manages the technical guidelines for MARKAS and ARKAS.
- **Designed** and implemented procurement **search** feature using *elasticsearch* for SIPLah.
- Analyzed **business requirements**, created **documentation** and engineering specifications, and managed **testing, deployment**, stress testing, and monitoring of the system.
- Worked closely with Product Managers and QA teams to ensure alignment on **goals and priorities**.
- **Collaborated** with UI/UX teams to implement modern, intuitive interfaces, significantly improving overall **user satisfaction**.
- Provided technical guidance and mentorship to peers, fostering skill development and promoting **best practices**.

Backend Developer at Qasir.id (2018 - 2021)

Series A startup pioneering free cloud-based POS solutions for Indonesian UMKM, serving 100,000+ merchants.

- Designed and implemented Website Usaha, enabling merchants to create their own **e-commerce** presence.
- Built core features for Qasir's **B2B wholesale marketplace** (Miqro) connecting **retailers** with **suppliers**.
- Developed integrations with major e-commerce platforms and payment systems.

Backend Developer at Vhiweb (2018 - 2018)

A digital agency specializing in government and enterprise solutions.

- Contributed to BPK E-Auditee, a web app used by 2,000+ government entities for **audit monitoring**.
- Helped build a delivery **e-commerce platform** for Tristar Transindo.

Skills

Programming Language

- Go
- C#
- Javascript, Typescript
- Pascal
- PHP

Infrastructure

- Terraform
- Docker
- Google Cloud
- AWS, S3

Framework

- .NET
- Electronjs, Nodejs, Jest
- Laravel

Database/Message Broker

- Postgres, MySQL
- SQLserver
- Sqlite
- Elasticsearch
- Rabbitmq
- Redis

Other

- FastReport
- K6
- Inno setup
- Big query
- Google analytics
- Slack
- Casdoor
- CI/CD
- Microservices

Soft Skill

- Problem-solving
- Teamwork
- Communication
- Creativity
- Time Management
- Eye for Detail
- Documentation
- Analytical

Education

- Bachelor of Computer Science - Universitas Brawijaya