

Work Experience

Software Engineer	Universitas Riau Pekanbaru, Indonesia	Mei 2023
<ul style="list-style-type: none">Joined the team to accelerate the development of IT systems at the University of Riau		
Software Engineer Intern	PT Hutahaean Group Pekanbaru, Indonesia	Jan 2023
<ul style="list-style-type: none">Created a payroll system web app using Go, Remix, TailwindCSS, MySQL PlanetScale, Supabase and Fly.io		

Volunteer Experience

Universitas Islam Negeri Sultan Syarif Kasim Riau		
Junior Researcher	Center of Islamic Data Science and Continues Improvement	Jul 2023
Universitas Riau (CS Major)		
Lab Assistant	Analisis dan Perancangan Berorientasi Objek	Feb 2023
Lab Assistant	Pemrograman Berorientasi Objek	Feb 2023
Lab Assistant	Algoritma dan Struktur Data	Aug 2022
Lab Assistant	Konsep Pemrograman	Aug 2022
Lab Assistant	Konsep Basis Data	Feb 2022
Lab Assistant	Konsep Pemrograman	Jul 2021
Ruangguru Camp (Backend Engineering)		
Mentor Assistant	Golang, PostgreSQL, RESTful API	Nov 2022

Education and Certifications

• Fullstack Engineering (MERN Stack) , Generasi Gigih 3.0 GOTO	Jul–Dec 2023
• Undergrad Studying Computer Science , Universitas Riau, Indonesia.	2020–2024
• Backend Engineering with Go-Lang , Ruangguru Camp, Indonesia. GPA 4.0	Aug–Dec 2022
• Scalable Web Service with Go-Lang , Hacktiv8	Sep–Dec 2022

Technologies and Languages

• Languages:	Go, NodeJS, ExpressJS, ReactJS, JS/TS, TailwindCSS , Java, PHP
• Technologies:	PostgreSQL, MySQL, mongoDB, Redis, K8s, RabbitMQ, EDA, DDD, gRPC, RESTful, GraphQL, Microservices, Git, Docker
• Other:	Data structures and algorithms, Teaching, Communication, System Design, Linux Adm, Kubernetes, GraphQL

My War tool

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- Frontend: **ReactJS, JS/TS, TailwindCSS, React Query, React Hook Form, Yup validator, HeadlessUI, Inertia**
 - Backend: **Go, GoFiber, Chi Router, PostgreSQL, Redis, RESTful API, Nodejs, MongoDB**

Projects & Achievements

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- **Projects & Volunteer work**
 - **Java auto grader** (for my thesis project): Go, Redis queue, Docker, React JS, TailwindCSS, GoFiber, PostgreSQL
 - **Kanban Board** (FP of the Ruangguru Camp backend engineering program): Go, gRPC, Gateway, gORM, PostgreSQL, TailwindCSS
 - **Payroll App** (Intern Project): Go, Remix, TailwindCSS, MySQL PlanetScale, Supabase and Fly.io
 - **GOSH** (Implementing Full Text Search (FTS) in Postgres)
 - **Fiber Shortener** (A simple web application to shorten urls)
 - **Product Service** (CQRS uses messaging implementation in Go, Elasticsearch)
 - **Auth Service** (Send email in Go with async worker & redis)
 - **TodoApp Go** (simple web app for managing to-do lists. Written in Go, HTML/CSS (Tokopedia Challenge))

- **GetJadwal** (FE DevCode Coding Challenge): React web app for managing schedule
- **Awards**
 - [2023] Top three Backend Coding challenge (**Qiskus X DevCode**)
 - [2023] Top three Logic Coding challenge (**Qiskus X DevCode**)
 - [2022] Completion Scalable Web Service with Golang pada Program Fresh Graduate Academy (**Hacktiv8**)
 - [2022] Completion Backend Engineering Program (**Ruangguru**)
 - [2023] Top 50 Warriors in Code Run Backend Warriors (**Algobash**)
 - [2022] Completion Bootcamp Front End Dev (**HIMALKOM UNRI**)
 - [2021] Best Submission Todo App with Go (**Tokopedia**)
 - [2021] Top 10 DevCode Backend Challenge (6/36) (**Skyshi Digital Indonesia**)
- **Certifications and Courses**
 - **(On-Going)** Belajar Implementasi CI/CD (**Dicoding**)
 - Praktis Belajar Docker dan Kubernetes untuk Pemula (**Udemy**)
 - Menjadi Linux System Administrator (**Dicoding**)
 - Belajar Dasar-Dasar DevOps (**Dicoding**)
 - Belajar Jaringan Komputer untuk Pemula (**Dicoding**)
 - Belajar Membuat Aplikasi Flutter untuk Pemula (**Dicoding**)
 - Memulai Pemrograman dengan Dart (**Dicoding**)
 - Belajar Prinsip Pemrograman SOLID (**Dicoding**)
 - Getting Started with SpringBoot (**Amigos Code**)
 - Spring Data MongoDB (**Amigos Code**)
 - Completion Submission TODO List App (**HIMIT X Tokopedia**)
 - DevCode Challenge (**SkyShi Digital**)
 - Completion Training Scalable Web Service (**Hacktiv8**)
 - Completion Frontend Web Dev (**ILKOM UNRI**)
 - Command Line Course (**Progate**)
 - Git (**Progate**)
 - Python (**Progate**)
 - JavaScript(**Progate**)
 - HTML & CSS (**Progate**)
 - NodeJS (**Progate**)
 - ReactJS (**Progate**)

Links

- Github <https://github.com/SemmiDev/>
- Telegram <https://t.me/SammiDev>
- Youtube Channel 1 https://www.youtube.com/channel/UCf9eTh_WEnI2NV2ii-F2OZQ
- Youtube Channel 2 <https://www.youtube.com/@keep.coding>