

Rahman Muhaemin

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SUMMARY

Full-Stack Web Developer with 2 years of hands-on experience building scalable and efficient web applications, primarily using Go (Golang) for backend development. Proficient in both frontend and backend technologies, with a solid understanding of RESTful APIs, databases, and cloud-based deployment. Passionate about clean code, and performance optimization

WORK EXPERIENCE

PT Semesta Arus Teknologi

South Jakarta, Indonesia

Fullstack Developer

Aug 2023 - Present

- Developed and maintained responsive web applications using Golang on the backend and Sveltekit / React.js / Next.js on the frontend.
- Designed and implemented RESTful APIs for seamless integration between frontend and backend services.
- Built scalable and secure backend services using Go, with PostgreSQL/MySQL/MongoDB for data storage.
- Collaborated closely with UI/UX designers and product managers to implement features based on user needs and business requirements.
- Wrote clean, maintainable, and well-documented code following best practices and team guidelines.
- Deployed and monitored applications using Docker and Jenkins-based CI/CD pipelines on internal servers.
- Optimized performance and improved reliability across the full stack through debugging and refactoring.

PROJECT EXPERIENCE

Whatsapp Blaster

South Jakarta, Indonesia

PT Semesta Arus Teknologi

Mar 2025 - Jul 2025

- Developed a production-ready WhatsApp blaster service used by clients to send bulk messages for marketing purpose
- Implemented message delivery using two backends: Whatsmeow (based on WhatsApp Web protocol) and ADB-controlled Android devices for redundancy and load distribution.
- Built robust backend services in Go, exposing RESTful APIs for frontend integration and message queue management.
- Implemented support for multi-session architecture, allowing multiple WhatsApp accounts/devices to run concurrently for higher throughput and client separation.
- Deployed the service on internal infrastructure using Docker, with CI/CD pipelines automated via Jenkins.

Getcontact Scraper

South Jakarta, Indonesia

PT Semesta Arus Teknologi

Nov 2024 - Dec 2025

- Developed an automated scraping system to retrieve contact tag data from Getcontact using Puppeteer for browser automation.
- Built a distributed task queue using Redis, allowing multiple scraping workers to run concurrently for better performance and scalability.
- Implemented proxy rotation to distribute requests across multiple IPs and reduce the risk of detection or rate-limiting.
- Stored and indexed scraped data efficiently in MongoDB for later querying and analysis.
- Implemented error handling, captcha detection, and retry mechanisms to ensure scraping reliability under rate-limited conditions.
- Designed the system to support asynchronous job processing, making it suitable for bulk scraping requests via internal or external API consumers.
- Optimized headless browser performance to minimize resource usage and maximize scraping throughput.
- Built a realtime logging interface using [Socket.IO](#), allowing users to monitor scraping progress and errors live.

- Created a responsive frontend dashboard using SvelteKit with Bootstrap, providing intuitive access to logs and task statuses.

Toolkit Hub

South Jakarta, Indonesia

Personal Project

Oct 2024 - Dec 2025

- Developed a web-based tool collection platform consisting of 40+ developer and productivity tools in one unified interface.
- Built and integrated various tools including:
 - Developer Tools: JSON Formatter, JWT Decoder, Base64 Encoder/Decoder, Bcrypt Tool, Text Diff Checker, Slug Generator, Go Struct Converter.
 - Conversion Tools: CSV to JSON/SQL/HTML, Unit Converter, Image to PDF, Text to Binary, Timestamp Converter.
 - Text & PDF Tools: Lorem Ipsum Generator, Word Counter, Case Converter, Enhanced PDF OCR Tool, PDF Merger/Splitter.
 - Design & Media: Color Picker, Color Converter, Image Cropper, Image to Color Palette.
 - Fun & Identity: Fake Identity Generator, Password Generator, QR Code Generator, UUID Generator, Palindrome Checker.
- Used Next.js & ShadcnUI for building a fast and responsive frontend UI.

Pinterest Scraper

South Jakarta, Indonesia

Personal Project

Jun 2025 - Jun 2025

- Developed a web scraping API to extract and download Pinterest pins and boards, enabling programmatic access to image content and metadata.
- Used Cheerio to parse and extract DOM elements from Pinterest pages without using a headless browser, ensuring high performance and low resource usage.
- Built with TypeScript to ensure type safety, maintainability, and better developer tooling.
- Deployed as a self-hosted RESTful API service, enabling integration with internal dashboards or external systems.

HMPSSH – Highly Minimal & Practical SSH Handler

South Jakarta, Indonesia

Personal Project

Jan 2025 - Jan 2025

- Developed hmpssh, a minimalist and practical terminal-based SSH connection management tool written in Go.
- Designed to simplify remote server access by providing essential features in a clean CLI interface.
- Designed with portability, ease of use, and productivity in mind — useful for developers and sysadmins managing multiple servers.

EDUCATION

Universitas Terbuka

South Jakarta, Indonesia

Information System

Dumbways Bootcamp

Depok, Indonesia

Fullstack Web Development Bootcamp

Graduation Date: Aug 2023

SMK AN-NAHL

Cianjur, Indonesia

Computer and Network Engineering

Graduation Date: Aug 2017

SKILLS

Skills: Problem Solving, Adaptability, Communications, Third Party Library & API Integrations, Performance Optimization

Backend: Golang, Javascript, Node.js, Python

Database: MySQL, PostgreSQL, SQLite, MongoDB, Redis

Frontend: HTML, CSS, SASS, Tailwind CSS, Bootstrap, JavaScript, React & React Native, Next.js, SvelteKit, Hono, Bun

Languages: Bahasa Indonesia (Native), English (Professional Working Proficiency)

Tools: Visual Code, Zed, Android Studio, Git, DataGrip, Burpsuite, Postman, Notion