

SATRIA RAHMAT MUSYARIFIN

BACKEND & AUTOMATION DEVELOPER

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PROFILE

Experienced backend and automation developer with 4 years of work experience focused on efficiency, scalability, and security. I specialize in designing robust backend architectures and building reliable automation systems that minimize operational overhead and reduce error rates. My strength lies not only in technical implementation but also in the ability to think systematically identifying performance bottlenecks, enforcing secure data handling, and streamlining processes across engineering teams.

I bring a strong interdisciplinary edge, combining backend development with knowledge in cybersecurity and fraud detection. This allows me to anticipate risks, write more defensive code, and contribute meaningfully in environments where security and data integrity are critical.

With a proven track record in building scalable APIs, optimizing background processing systems, and automating end-to-end workflows, I thrive in high-stakes, performance-driven environments. I'm particularly effective in roles that require rapid problem-solving, reverse engineering legacy systems.

I am open to roles in backend development, automation, cybersecurity, or fraud investigation teams especially where cross-functional technical thinking and system reliability are prioritized.

SKILLS

- Backend Developer
- Automation/Scraping
- Reverse Engineering
- Cyber Security

TOOLS

- Python
- JavaScript
- TypeScript
- PHP
- Java
- Golang
- Express Js
- Nest Js
- Gin Gonic
- Selenium
- Flask
- Django
- Oracle
- MongoDB
- SQL
- CSS
- BeautifulSoup
- Requests Html
- PyTelegramBotAPI
- Undetected
- ChromeDriver
- Puppeteer
- WhiskeySocket
- Pandas
- Git
- Linux
- Threading
- Postman
- Docker
- Jadx
- Adb
- Frida
- Burpsuite
- Paramiko
- Magisk
- Lsposed

LANGUAGE

- Indonesia (Native)
- English (Beginner)

WORK EXPERIENCE

SENIOR BACKEND DEVELOPER – META PESONA TEKNOLOGI INDONESIA – FULL TIME REMOTE

South Jakarta

October 2023 – Present

- Build scalable architecture for API using Django and MongoDB
- Implement CI/CD pipelines
- Containerize django app using docker
- Create Django wrapper for handling request response and error logging
- Create a module to render emails from templates provided by the frontend team, and implement it to all emails
- Implement websocket for realtime chat
- Implement push notification for reminder beauty treatment

- Implement SSO authentication by Google
- Optimization of the code on the API and Library
- Create module for user payment and integrate it to **doku**
- Create a module for anti-fraud at the 88% discount new user event

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SOFTWARE DEVELOPER (Automation Focused) – FREELANCE

January 2021 – Present

- My biggest achievement in the automation scope was successfully emulating encryption and signing logic of http requests on a mobile application created by a large company.
- The biggest achievement in cyber security scope is successfully finding race condition vulnerability, SQL Injection, and XSS on several websites which if used for crime can harm the website owner, such as adding balances, viewing or deleting, even manipulating databases and stealing admin cookies.
- Create [Captcha solver](#)
- Automate serve customers on [itemku](#)
- Automate war ticket [KAI](#) via private API
- Create a Zalora, Mapclub, and Foot Locker automation tool for getting product's detail, checkout, etc
- Create [Apex](#) The wrapper and helper for Flask
- Automate VM management on [IdCloudHost](#)
- Create an article scraper tool
- Automate mirroring data from [p-store](#) to personal website
- Create Ruangguru scraper
- Create flightradar24 scrapper
- Automate post data on [asuransi.partaiperindo.com](#)
- Automate [Indosat Simpel](#) transaction via private API as extension of [TigaPutri](#) using Golang
- Automate tiktok interaction
- Create [Gojek](#) transaction scrapper
- Create [Plagiarism Scanner](#) web based
- Automate Checkout product on [Blibli](#) and JDID
- Create Whatsapp blaster and scrapper
- Create [Sociolla](#) scrapper
- Automate transaction on telegram bot
- Automate [audiomack](#) interaction

South Tangerang

BACKEND DEVELOPER – SIBER FORENSIK INDONESIA – FULL TIME ONSITE

May 2023 – December 2023

- Create whatsapp chat listener/scrapper and store it to elastic search using javascript
- Optimization of the scraper tool in terms of memory and CPU usage
- Create API flask based
- Creating an elasticsearch query for chart needs by scrapped whatsapp chats
- Creating an elasticsearch query to map a WhatsApp account across WhatsApp groups
- Optimization of the code on the API and Library
- Integrate to OpenAI for sentiment analytics WhatsApp chats

South Jakarta

BACKEND DEVELOPER – ONTIME TECHNOLOGY INDONESIA – FULL TIME ONSITE

May 2022 – July 2023

- Create a scheduler for data manipulation and sending email
- Create API (Dajngo Based) and mongodb queries to get data that is easy to consume
- Create a module for sales data report needs, etc. in the form of an Excel file
- Create a module to render emails from templates provided by the frontend team, and implement it to all emails
- Create a websocket server for seller to buyer chat and doctor to patient chat needs
- Handle all notification features such as mass notifications and reminder notifications using Firebase
- Create microservice using rust language
- Optimization of the code on the API and Library
- Create scraper tools for SEO team needs and for bank data needs

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AUTOMATION DEVELOPER – AUTOBOT KARYA INDONESIA – FREELANCE REMOTE

July 2021 – August 2022

- Automate submit and collect covid vaccine data on [pedulilindungi.id](#) via private API
- Create an unofficial WhatsApp API for sending messages.
- Create an API to generate and manage license key autobot products.
- Optimizing speed in the scraping process

PROJECTS

Some automation projects and fraud demonstrations can be seen through the following url
https://www.youtube.com/playlist?list=PLUR--SLLapFskSFQ5-_vRjbJmoDYbw9v6

EDUCATION

SYARIF HIDAYATULLAH VOCATIONAL SCHOOL

Department of Computer and Network Engineering

Muara Badak, East Kalimantan

August 2019 – Apr 2022

- Create web-based applications for grouping reading interests using Flask and Scikit-learn.
- Build a local network circuit using mikrotik.
- Automate networking via telegram using paramiko and pyTelegramBotAPI.

COURSE

- [Python](#) - Sololearn
- [JavaScript](#) - Sololearn
- [PHP](#) - Sololearn
- [SQL](#) - Sololearn
- [GO](#) - Sololearn