Ari Setiawan

Backend Developer | Data Engineer

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01 PROFILE

Versatile Backend & Data Engineer with expertise in building scalable web services using Java (Spring Boot), Flask, and Node.js, and designing high-performance data pipelines with Apache Spark, Kafka, NiFi, and Redis. Experienced in optimizing big data search with Elasticsearch & Kibana, enabling CI/CD with Jenkins, and automating processes on Linux with Supervisor and Crontab. Skilled in large-scale web crawling across platforms like TikTok, Facebook, Twitter, Gojek, and Tokopedia, combining backend reliability with real-time data intelligence to deliver robust end-to-end solutions.multithreading, multiprocessing, and large-scale web crawling across platforms like TikTok, Facebook, Twitter, Gojek, and Tokopedia. With expertise spanning MySQL, SQLite3, RabbitMQ, Pandas, Selenium, Apache POI, and reverse engineering tools (BurpSuite, Frida, Genymotion), I bring a holistic approach to engineering that connects application reliability with real-time data intelligence.

02 EMPLOYMENT HISTORY

Feb 2025 — Present

South Tangerang

Fulltime | Data-Engineer at PT eBdesk Teknologi

Proficient in designing both batch and real-time data pipelines using Apache Spark for distributed processing, Apache Kafka for stream management, and Apache NiFi for flow orchestration with Groovy scripting and custom processors. Capable of integrating RabbitMQ and Beanstalk as an additional message broker. Experienced in optimizing big data search performance with Elasticsearch, leveraging Kibana for monitoring and visualization, and performing excell data manipulation with Pandas.

Specialized in data acquisition, implementing web crawling with Node.js and Express.js (specifically for TikTok), and Python with Selenium for automation across multiple platforms, including e-commerce (Gojek, Tokopedia) and social media (Facebook, Twitter). Skilled in processing and storing crawled data with SQLite3 and MySQL, supported by task automation and service reliability using Crontab, Supervisor, and Linux environments. Additionally, experienced in reverse engineering workflows to bypass application security using BurpSuite, Frida, and Genymotion, particularly for handling SSL pinning and secure data extraction.

Nov 2023 — Feb 2025

South Tangerang

Fulltime | Back-End Developer at PT eBdesk Teknologi

Experienced in building and maintaining web services using Java with Spring Boot, and managing build and dependencies through Apache Maven and Gradle. Skilled in developing APIs with Flask in Python and ensuring consistent integration via Jenkins as a CI/CD pipeline.

Proficient in handling multithreading and multiprocessing for high-performance applications, as well as managing messaging queues with RabbitMQ.

In terms of data handling, experienced with MySQL and SQLite3 for storage, and leveraging Apache POI for document processing. Operational expertise includes job scheduling with Crontab, process management with Supervisor, and system monitoring through Kibana. Adept in working on Linux environments (Ubuntu & Parrot) with session management via Tmux, alongside debugging and application testing using Postman and Selenium. Codebase management is performed with Git, maintaining repositories in GitHub and GitLab to ensure structured and collaborative development.

Jul 2023 — Oct 2023

South Tangerang

Freelance | Back-End Developer at PT eBdesk Teknologi

As a freelance Back-end developer, I build scalable web services with Spring Boot, manage big data using Elasticsearch for fast search, and process large amounts of data with Apache Spark. With Apache Kafka, I handle real-time data streams, both in sending (produce) and receiving (consume) data.

Nov 2020 — Nov 2021

Indonesia

Salesman at Health Wealth International

Herbal Medicine Seller Online Business at Health Wealth International Company, here I sell herbal medicines online by looking for clients and selling herbal medicines on various platforms such as Facebook, WhatsApp.

03 EDUCATION

Jul 2020 — Mar 2023

Pringsewu

Pelita Madani Vocational School
Software Engineer

At school, I always studied diligently and tried to understand every topic the teachers explained. I didn't do much at school; I focused solely on the subjects I liked, such as programming. I also appreciated teachers who explained the material after I had already studied it.

04 SKILLS

Skill	Level	Skill	Level
Apache Kafka	●●●●○	Gradle	●●●●○
Apache NiFi	●●●●○	Java	●●●●○
Apache Maven	●●●●○	Linux	●●●●○
Apache Spark	●●●○○	MySQL & SQLite3	●●●○○
Beanstalk	●●○○○	PHP	●●●○○
C++/CPP	●●○○○	Python	●●●●○
Elasticsearch	●●●●○	Shell	●●●●○
Flask	Quartz	●●●●○	Spring-Boot	●●●●○

05 LANGUAGES

Language	Level	Language	Level
Javanese	●●●●●	Indonesia	●●●●○