Satria Nur Saputro

WEB DEVELOPER

Tanah Abang, Jakarta Pusat, Indonesia

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EXPERIENCES

August 2023 – Present (Jakarta)
BACKEND DEVELOPER, PT. *SATKOMINDO MEDIYASA* (BRI SUBSIDIARIES)

- Implementing features in the NDS BRI application using Go (Golang) with the implementation of REST-API, gRPC-API, Microservices, and Nanoservices concepts.
- Developing a custom library validator to prevent duplication in each repository and ensure comprehensive information for the development team.
- Creating a cronjob scheduler to manage the process of fetching and sending data via FTP, as well as activating triggers on Message Broker, housekeeping, and required feature scenarios.
- Adapting API requests and responses to enhance application functionality.
- Implementing basic security measures on the backend to ensure optimal system security.
- Optimizing MySQL usage to improve backend performance by implementing Redis to prevent timeout issues with open connections on MySQL.

May 2023 – July 2023 (Jakarta)
BACKEND DEVELOPER, IT INTERN BOOTCAMP BRI X DIBIMBING

- Developed a feedback feature in the NDS system for deployment across all branch units of BRI Indonesia, utilizing Nanoservices from Microservices architecture with API gRPC.
- Implementing SQL and Redis integration for efficient data management in backend development projects.
- Implementing validation according to the needs of the feedback feature.
- participated in a comprehensive 2-week bootcamp with guided mentorship during an internship period.

EDUCATION

September 2019 – March 2023 (Central Java, Purwokerto)   **(GPA 3,94)**
BACHELOR OF INFORMATICS ENGINEERING, **TELKOM PURWOKERTO INSTITUTE OF TECHNOLOGY**

- I completed a degree in informatics with a focus on web development, database design, system implementation, and machine learning, achieving A grades in various relevant courses and publishing two academic journals. I participated in the "Campus Merdeka" program and the "AI Mastery" course at Orbit Future Academy, earning an A grade.

February 2022 – July 2022 (Jakarta)

BOOTCAMP ARTIFICIAL INTELLIGENCE MASTERY PROGRAM, ORBIT FUTURE ACADEMY (MSIB)

- Studying data science, computer vision, natural language processing, and reinforcement learning.
- I collaborated with fellow students on the "Employee Feedback Analysis Using Face Recognition and a BERT-based Website" project to gain insights into the company's work environment.
- Developed a computer vision solution using the face recognition library to identify employees.
- Efficiently extracted audio from video inputs using the FFmpeg library.
- Integrated the backend system with the NLP-BERT model using Flask.
- Producing Excel report outputs for employee feedback analysis is categorized into three categories: happy, neutral, and sad.

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SKILLS

Programing Language: Golang, JavaScript (Node.js) and Python.

Database: MySQL, Redis, Rabbit-MQ, Postgres-SQL, MongoDB.

Storage: FTP, MinIO Enterprise Object Store.

Delivery Platform: Docker, Liquibase, Red Hat OpenShift Container Platform, Atlassian Bamboo.

Monitoring: Jaeger, Kibana, SonarQube.

Other: Linux, Git, Bitbucket, Jira, Confluence.

Language: Indonesian, English.

Soft Skill: Innovative Thinker, Adept at Problem-Solving, Dependable and Trustworthy, Highly Professional, Meticulously Organized, Expert in Time Management, Collaborative Team Player, Quick and Effective Learner, Deeply Committed, Highly Motivated.

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CERTIFICATED

These certifications underscore my expertise and commitment to continuous learning in technology and software development:

- Database programmer (BNSP)
- Node.Js development (Progate)
- Ai mastery (Orbit Future Academy)
- Architecting on aws (Dicoding)
- Applied machine learning development (Dicoding)

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ACHIEVEMENT

Two scientific journal publications:

- Classification Taxonomies Genus of 90 Animals Using Transfer Learning Resnet-152 ([Sinta 1](#))
- Clickbait News Headline Classification Using RNN-LSTM ([Sinta 3](#))