Alfan Nur Fauzan

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Experience

Telkom   Remote
Developer   Mar 2021 - Present

- Building data warehouse.
- Working with data scientists to provide data infrastructure as a service.

Xendit   Remote
Software Engineer   Jan 2021 - Feb 2021

- Building real-time data aggregation as features for internal fraud detection system.
- Working in fraud team to minimize fraud cases in payment while maintaining the acceptance rate.

Bukalapak   Remote
Senior AI Software Engineer   Jan 2020 - Dec 2020

- Scaling up machine learning model development workflow from research into production by introducing MLOps.
- Providing research environment for AI research division developing machine learning models.

Bukalapak   Remote
AI Software Engineer   Jan 2018 - Dec 2019

- Developing data pipelines that process over 1.5 TB of data daily to build recommendations for Bukalapak's products.
- Productionization of machine learning models from binary files on research environment into scalable microservices on Kubernetes.

Bukalapak   Remote
Data Engineer   Jul 2017 - Dec 2017

- Streaming the entire services' database changelogs to build a data warehouse that can be used for batch processing analytics.
- Building centralized tracking service for all Bukalapak's platforms, including end-users and microservices.

Bukalapak   Jakarta, Indonesia
Back End Software Engineer   Aug 2016 - Jun 2017

- Contributing to main Bukalapak's repository, including feature requests and A/B test implementations.

Skills

Prog. Languages:	Python, Go, Scala, Javascript, C++, Ruby, PHP
Concepts:	AI/ML, MLOps, Data Engineering, Recommender System, NLP, Microservice
Stacks:	Spark, Kafka, Ksqldb, Airflow, MLflow, GitLab CI/CD, Kubernetes, GCP, Hadoop

Awards

Top Performer Software Engineer   SVP Technology at Bukalapak
Top performer among Software Engineers in Bukalapak AI Research division.   Sep 2019

ACM-ICPC Finalist   Bina Nusantara University
Top 50 in ACM-ICPC Asia Jakarta Regional Contest.   Aug 2015

Projects

Quranize *Go, HTML, Javascript*   https://github.com/alpancs/quranize-service
Quranize transforms transliteration into its arabic form using fast and efficient algorithm: suffix-tree for indexing and dynamic programming for parsing.

Tebakgender *Javascript*   https://github.com/alpancs/tebakgender
Predicting gender based on name.

Sudoku *Python, HTML, Go, Javascript*   https://github.com/alpancs/sudoku
Web service to solve Sudoku.

EDUCATION

University of Indonesia   Depok, Indonesia
Bachelor Computer Science *GPA: 3.57*   Aug 2012 - Jul 2016