Moch. <u>Nafkhan</u> Alzamzami

INFORMATICS LECTURER

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EDUCATION

Institut Teknologi Bandung   *Cumulative GPA: 3.89 / 4.00*

MASTER'S DEGREE IN COMPUTER SCIENCE   *2022 - 2023*

Submajor   Intelligent System
Focuses   Artificial Intelligence, Deep Learning, Natural Language Processing
Thesis   Abstract Meaning Representation Parser Development for Cross-lingual Indonesian-English with BART, Input Concatenation, and Dataset Augmentation

Institut Teknologi Bandung   *Cumulative GPA: 3.74 / 4.00*

BACHELOR'S DEGREE IN COMPUTER SCIENCE   *2018 - 2022*

Focuses   Artificial Intelligence, Database, Software Development
Final Project GraphQL-based Backend Service Development Tool for CRUD Operations, Authentication, and Authorization

EXPERIENCE

Informatics Lecturer   *Surabaya, Indonesia*

INSTITUT TEKNOLOGI SEPULUH NOPEMBER   *Oct 2023* - Present

- Teaches Digital System, Design and Analysis of Algorithms, Computer Organization, Operating System.

Site Reliability Engineer Intern   *Jakarta, Indonesia*

SHOPEE INDONESIA   *May 2021 - Aug 2021*

- Managed to prevent unnoticed soon-to-expire SSL by creating an email notifier and a dashboard.
- Managed to reduce the cloud server costs by implementing a scheduler for scaling Kubernetes deployments.

Technical Lead   *Surabaya, Indonesia*

ALINA MEDIKA   *Jun 2020 - Dec 2020*

- Made executive decisions on behalf of the company's technological requirements.
- Researched about Extract, transform, and load (ETL) pipeline using Apache Hadoop, Apache Spark, Hive.
- Lead the backend and frontend teams.
- Developed a homecare and telemedicine backend and mobile app.
- Maintained a tracker system for clinics keeping track of their covid patients.

Software Development Engineer Intern   *Bandung, Indonesia*

GDP LABS   *Jun 2020 - Aug 2020*

- Researched OpenAPI 3 with the integrations using Java Spring Boot Frameworks.
- Researched FaunaDB with GraphQL and FQL.

Backend Developer   *Bandung, Indonesia*

XTREMAX INDONESIA   *Aug 2019 - Feb 2020*

- Developed a web application using ASP.Net.
- Researched about serving generated static sites using CI/CD.

PUBLICATION

Alzamzami, M. N., & Azizah, F. N. (2022, November). GraphQL-based Backend Service Development Tool for CRUD Operations, Authentication, and Authorization. In *2022 International Conference on Data and Software Engineering (ICoDSE)* (pp. 77-82). IEEE.

ACHIEVEMENT

Ranked 26th out of 2,781 teams   *2019*

IEEEXTREME 13.0

Finalist   *2019*

ARKAVIDIA 5.0 COMPETITIVE PROGRAMMING