

Moch. Nafkhan Alzamzami

COMPUTER SCIENCE RESEARCHER

☎ (+62) 85815805174 ✉ nafkhanalzamzami@gmail.com 📱 nafkhanzam 🌐 nafkhanzam

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

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.
- 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 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

IEEEEXTREME 13.0

Finalist

2019

ARKAVIDIA 5.0 COMPETITIVE PROGRAMMING

Regional Finalist

2018

INTERNATIONAL COLLEGIATE PROGRAMMING CONTEST (ICPC)