

MUHAMMAD NAUFAL PRATAMA

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Highly passionate about the technology world with a bunch of experiences in website and software development especially on backend side with the ability to teach as well as system programming and devops related stuffs for hobbies

EXPERIENCES

DevOps/SRE Internship

Internship

Fita

June 2022 - Present

- Having internship as the DevOps/SRE intern at [Fita \(Telkomsel's subsidiary\)](#) and learn about the world of DevOps/SRE very quickly and implement it in work that related CI/CD pipeline, Helm Chart, and Terraform.
- Tech: GitLab CI/CD, Google Cloud Platform, Kubernetes and Helm, Terraform & Grafana

Generasi GIGIH 2.0

Backend Engineer

Studi Independen Kampus Merdeka

Feb 2022 - July 2022

- Participate and gain a lot of insight in [Generasi GIGIH 2.0](#) program held by Yayasan Anak Bangsa Bisa, (YABB). Taking the Backend Engineer track and learning about Ruby, MVC, OOP, TDD, and much more through online courses and a capstone project.
- Tech: Ruby, Ruby On Rails & Git

Fullstack Engineer Intern

Internship

UPT Perpustakaan UNDIP

Feb 2022 - June 2022

- Work eagerly as a full-stack engineer to develop an automated mail template platform for helping library staff write an office letter without manually writing it through a word editor. [Preview page here!](#)
- Tech: HTML, CSS, Bootstrap, PHP, Laravel, Redis, RabbitMQ, Git & Heroku

IEEE SB-Undip Organization

Web Division Committee

Universitas Diponegoro

July 2021 - May 2022

- Construct and manage [IEEE SB-Undip](#) the website using WordPress and coordinate website development training named IWT (IEEE Website Training).
- Tech: Wordpress

Software Defect Prediction Research

University Research

Universitas Diponegoro

March 2021 - October 2021

- Research and explore in-depth defects in software using machine learning and deep learning algorithms such as CNN, LSTM, and Random Forest from the experiments until [journal publications](#).
- Tech: Python, Keras, NumPy, Git, Machine learning & Deep learning

Backend Engineer Mulo

Backend Engineer

Mulo, Wonosobo

Feb 2021 - Present

- Develop backend API intensively and also the [android app](#) for [Mulo](#), which is a startup company focusing on empowering UMKM in Indonesia by providing an application that can help manage UMKM activities and finances using blockchain technology.
- Tech: NodeJS, SailsJS, Kotlin, PostgreSQL, Insomnia, Git & Heroku

Backend Engineer Intern

Internship

Azura Labs Semarang

Jan 2021 - Mar 2021

- Develop backend REST API using Laravel for a web-based project called 'Butiko', which contains articles and activities carried out by the '[Butiko](#)' community.
- Tech: PHP, Laravel, MySQL, Insomnia & Git

Lab Assistant

Fundamental of Programming Lab Assistant

Universitas Diponegoro

Aug 2020 - Des 2020

- Educate and enlighten students about the fundamental of programming with functional as the paradigm and Python as the programming language.
- Tech: Python

EDUCATION

Universitas Diponegoro

Majoring in **Informatics** *GPA: 3.84*

Taking specialize in software engineering and system programming.

Semarang, Jawa Tengah

2019 - 2023 (Expected)

PROJECTS

COBLOS *Laravel, Bootstrap, Git*

[COBLOS](#)

Contribute as the backend programmer in developing a survey web-based application that helps companies or individuals manage their surveys.

Sisperpus *Laravel, SailsJS, Bootstrap, Git*

[sisperpus](#) | [API](#)

Give an extraordinary contribution as the backend programmer for this project and great teamwork.

Sisperpus is a library management system developed using Laravel.

Anforom 2021 *Laravel, JavaScript, Github*

[Anforcom](#)

Took charge as a backend programmer in creating, developing, and maintaining Anforcom's website, which is a competition and seminar that is held annually by the HMIF Undip.

RS NUMedika *HTML, CSS, JavaScript*

[RS NUMedika](#)

Improve the frontend landing page website for RS NUMedika Wonosobo.

CERTIFICATIONS & COURSES

Text Retrieval and Search Engines

University of Illinois offered through Coursera

Digest knowledge about information and text retrieval and grasp how a search engine works. *Aug 2021*

Belajar Membuat Aplikasi Back-End untuk Pemula

Dicoding Indonesia

Graduate marvelously on how to implement RESTfull API using HapiJS, a NodeJS framework for creating API.

Jun 2021

Cyber Security Essential

Cisco Networking Academy

Having a good understanding on the tactics, techniques, and procedures used by cyber criminals in cyber security world.

Feb 2020

SKILLS

Hard Skills: C, Rust, Python, PHP, JavaScript, Go, SQL, Laravel, NodeJS, Git, PostgreSQL, AWS
Insomnia, MySQL, Heroku, Redis, RabbitMQ, Docker, Kubernetes, Helm
Terraform, GitLab CI/CD, Grafana

Soft Skills: Analysis, critical thinking and time management