

# MUHAMMAD NAUFAL PRATAMA

[muhammadnaufalp@students.undip.ac.id](mailto:muhammadnaufalp@students.undip.ac.id) · [+62 82133617483](tel:+6282133617483) · [LinkedIn](#) · [Github](#) · [Medium](#)

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 game development for hobbies

## EXPERIENCES

---

### Generasi GIGIH 2.0

*Backend Engineering Track*

Kampus Merdeka

Feb 2022 - Present

- 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.

### Mulo

*Backend Engineering*

Wonosobo

Feb 2021 - Present

- Develop backend API intensively for Mulo using NodeJS, SailsJS, Kotlin, Git, and Heroku as the tech stacks.

### Internship

*Fullstack Engineer Intern*

UPT Perpustakaan UNDIP

Feb 2022 - Present

- 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.

### IEEE SB-Undip Organization

*Web Division Committee*

Universitas Diponegoro

July 2021 - Present

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

### Azura Labs

*Backend Engineer Intern*

Semarang, Jawa Tengah

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.

### 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.

## 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.

### Siperpus *Laravel, SailsJS, Bootstrap, Git*

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

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

### Mulo *NodeJS, SailsJS, Kotlin, Git*

[Mulo](#)

Develop backend API intensively 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

### Software Defect Prediction *Python*

[Paper](#)

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.

**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 the 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*

### **Belajar Dasar Pemrograman Javascript**

Dicoding Indonesia

Succeeded learn and implementing JavaScript fundamental for web development. *May 2021*

### **Belajar Dasar Pemrograman Python**

Dicoding Indonesia

Study on fundamental Python programming language. *Mar 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, web development  
Soft Skills: Analytical skill and time management