

# MUHAMMAD NAUFAL PRATAMA

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Passionate in the world of technology with experience in website and software development especially on backend side as well as system programming and blockchain technology as hobbies

## EDUCATION

**Universitas Diponegoro**  
Degree in **Informatics** *GPA: 3.84*

Semarang, Jawa Tengah  
2019 - 2023 (Expected)

## EXPERIENCES

**Generasi GIGIH 2.0**  
*Backend Engineering Track*

Kampus Merdeka  
Feb 2022 - Present

- Participate in one of the Kampus Merdeka independent study programe, Generasi GIGIH 2.0 held by Yayasan Anak Bangsa Bisa, (YABB). I take the Backend Engineering track and learn about Ruby, MVC, OOP, TDD, and much more by learning through online course and capstone project.

**IEEE SB-Undip Organization**  
*Web Division Committe*

Universitas Diponegoro  
July 2021 - Present

- Create and manage [IEEE SB-Undip](#) website using Wordpress and also organize website development training named IWT (IEEE Website Training)

**Azura Labs**  
*Backend Engineer Intern*

Semarang, Jawa Tengah  
Jan 2021 - Mar 2021

- Develop backend API using Laravel framework for a web-based project called 'Butiko' which contains articles and activities carried out by the '[Butiko](#)' community

**Lab Assistant**  
*Programming Fundamental Lab Assistant*

Universitas Diponegoro  
Aug 2020 - Des 2020

- Teaches basic programming on functional programming paradigm using Python

## SKILLS

Programming Skills:	C, C++, Rust, Python, PHP, JavaScript, Go, SQL
Programming Frameworks & Tools:	Laravel, ExpressJS, Git, PostgreSQL, AWS, Insomnia, MySql, Heroku
Other Skills:	Web Development, Software Engineering

## PROJECTS

**COBLOS** *Laravel, Bootstrap, Github* [COBLOS](#)  
A survey web application to help companies manage their product surveys

**Sisperpus** *Laravel, SailsJS, Bootstrap, Github* [sisperpus.com](#) | [api](#)  
Library management system created using Laravel framework to fulfill the college project couserwork

**Anforom 2021** *Laravel, JavaScript, Github* [anforcom.com](#)  
Create, develop, and maintain the website for Anforcom which is a competition and seminar that is regularly held annually by the HMIF Undip

**Mulo** *NodeJS, SailsJS, Kotlin, Github* [mulo.app](#)  
Build and develop backend API for Mulo which is a startup company focusing on empowering UMKM in Indonesia by providing an applications that can help manage UMKM activities and finances using blockchain technology

**Software Defect Prediction** *Python* [Paper](#)  
Research and explore the defects in a software using machine learning and deep learning algorithm such as, CNN, LSTM, and Random Forest

**RS NUMedika** *HTML, CSS, JavaScript* [RS NUMedika](#)  
Build landing page website for RS NUMedika Wonosobo

## CERTIFICATIONS & COURSES

**Text Retrieval and Search Engines** University of Illinois offered through Coursera  
Learn about information and text retrieval and understand about how search engines work. *Aug 2021*

**Belajar Membuat Aplikasi Back-End untuk Pemula** Dicoding Indonesia

Learn how to implement RESTfull API using HapiJS, a NodeJS framework for creating API. *Jun 2021*

**Belajar Dasar Pemrograman Javascript**

Succeeded learn and implement JavaScript fundamental for web development.

Dicoding Indonesia

*May 2021*

**Belajar Dasar Pemrograman Python**

Study on fundamental Python programming language.

Dicoding Indonesia

*Mar 2021*