

# ABYAN SETYANEVA

081252088196 | abyansetyaa@gmail.com | <https://abyansetya.vercel.app/> | <https://github.com/abyansetya>

Semarang, Central Java

As a computer science student at Diponegoro University, I am deeply passionate about full stack web development. Proficient in both front-end and back-end technologies, I have hands-on experience with frameworks such as Next.js, Laravel, and .NET, as well as strong skills in working with SQL databases. My academic journey has provided me with a solid foundation in computer science principles, while my enthusiasm for web development has driven me to build scalable, efficient, and user-friendly web applications. I am eager to contribute my skills and knowledge to innovative projects and to continuously grow in the ever-evolving field of full stack development..

## Education

### Bachelor of Computer

08/2022 – Present

Major in Computer Science

University of Diponegoro, Central Java

Cumulative GPA **3.79 / 4.00**

## Experiences

### Faculty of Science and Mathematics, Diponegoro University

Laboratory Teaching Assistant

#### Fundamental of Systems

08/2023 – 12/2023

- As a lab assistant for the Fundamentals of Systems course, I guided 20 first-semester students, enhancing their understanding of binary numbers, flip-flops, sequential circuit and many more.
- Thoughtfully evaluated assignments for a diverse group of 20 students, offering constructive feedback to enhance their learning journey.

#### Database System

08/2024 – 12/2024

- As a lab assistant for the Database Systems course, I guided 20 second-semester students in understanding concepts such as relational databases, SQL queries, normalization, and ER diagrams.
- Carefully assessed practical assignments and projects, providing constructive feedback to improve their database design and query optimization skills.

#### Object Oriented Programming

02/2025 – 06/2025

- As a lab assistant for the Object-Oriented Programming course, I assisted 20 second-semester students in grasping key principles including classes, objects, inheritance, polymorphism, and encapsulation..
- Reviewed coding assignments and mini-projects with detailed feedback to foster clean, efficient, and maintainable coding practices in Java.

### Faculty of Science and Mathematics, Diponegoro University

Mentor of *Path Informatics Research* (POINTS)

09/2022 - 10/2023

- Guided and mentored new informatics students on the Student Creativity Program. Providing Explanations about what PKM (Student Creativity Program) is and how to write a good and accurate proposal in accordance with the relevant guidelines.
- Thoroughly assessing and providing valuable feedback on assignments submitted by a student group each week, guiding new students to determine suitable ideas for points activities.

### Faculty of Science and Mathematics, Diponegoro University

Head of Website Devision at ANFORCOM 2024

05/2024 - 09/2024

- Led the development and management of the official Anforcom 2024 landing page and participant registration website, ensuring functionality, usability, and a seamless user experience.
- Successfully handled the registration system for 150+ participants, maintaining data accuracy and smooth processing throughout the registration period.
- Managed and mentored a team of 2 developers, coordinating tasks, providing technical guidance, and ensuring timely delivery of web development milestones and also Collaborated closely with other divisions to align website features with event requirements and branding guidelines.

### Dr. Kariadi Central General Hospital, Semarang

Data Science & Web Development Intern

01/2025 - 05/2025

- Developed a machine learning model to predict patient treatment costs based on medical and demographic data, aiming to support hospital cost management and decision-making processes.

- Built a web-based application that allows hospital staff to input relevant patient data and receive real-time cost predictions using the trained model.
- Collaborated with medical and IT staff to ensure the system met hospital needs, ensuring usability and accuracy of predictions.

## Organizational Experience

**BEM FSM**, Diponegoro University

Young staff in the Art and Sports Field

04/2023 – 12/2023

- Assisting in channeling the interests and talents of FSM students by organizing a faculty-level sports competition.
- Serving as an information conduit between the university and FSM students regarding competitions in both sports and arts.

**Faculty of Science and Mathematics**, Diponegoro University

Project Officer of Dekan Cup 2023

04/2023 – 06/2023

- Becoming a project officer in one of the largest sports events at the Faculty of Science and Mathematics, involving 6 different departments. Providing guidance and serving as supervision for division coordinators to ensure the event runs optimally.

## Course and Certifications

- Certificate of Competence for Basic SQL Learning Completion, DICODING ACADEMY
- Certificate of Competence for Basic Web Programming Completion, DICODING ACADEMY
- Certificate of Course Completion for Database Design, ORACLE ACADEMY
- Certificate of Course Completion for Database Programming, ORACLE ACADEMY

## Skills and Competencies

Languages: JavaScript, Python, PHP, Java, TypeScript

Frameworks: React JS, Tailwind CSS, Laravel, NextJS, .NET

Databases: MySQL, MongoDB, PostgreSQL