

Abya Bahari Wafdulloh. S

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<https://profile-abya.vercel.app/>

ABOUT ME

I am a Computer Engineering student specializing in Software Engineering. With a perfectionist mindset and the ability to learn quickly, I consistently aim for high-quality results and adapt well to new challenges. I have solid technical expertise in TypeScript, the React ecosystem, and NestJS. I have a strong interest in full-stack development and aspire to grow further in this field.

EDUCATION

Universitas Islam Kadiri, Kediri Sep 2023 – Present
On Going 4th Semester, Computer Engineering
GPA 3.92 of 4.00

EXPERIENCE

Frontend Engineer, Internship 23 Juni 2025 – Present
PT Digdaya Olah Teknologi Indonesia

- Contributed to the development of the company's internal frontend library and boilerplate, establishing a scalable foundation for web applications.
- Solving issue about bug UI/UX at project exists.
- Contributed to the frontend development of an DoTalk-AI marketing bot project.

Teaching Assistant, - Algorithm and Programming Maret - Juni 2025
Computer Engineering at Universitas Islam Kadiri

Assistant Lecturer

- Assist the main lecturer in preparing course materials and evaluating student assignments, practice, and coding exercises.
- Lead practical class sessions, provide guidance to 20 students per week, and support their understanding of programming fundamentals

CERTIFICATIONS

Backend Development - Dicoding Sep 2024
Develop Backend Application with Hapi and Native Node JS
<https://www.dicoding.com/certificates/JLX17NW1NX72>

Frontend Development - Dicoding Sep 2024
Develop Web Application with React
<https://www.dicoding.com/certificates/53XEO6V0KZRN>

Javascript Developer - Dicoding Sep 2024
Programing with Javascript
<https://www.dicoding.com/certificates/1RXYL5W29PVM>

Problem Solving - Hackerrank Jan 2025
Basic Problem Solving
<https://www.hackerrank.com/certificates/20e4c514bb08>

PROJECTS

Trivia Quizz

Mei 2025

Developed a web-based quiz application as part of an internship assessment at Digdaya Olah Teknologi Indonesia, showcasing frontend engineering skills from logic to user experience.

- Integrated Trivia Database API with state management for questions, answers, and scoring.
- Designed a responsive, user-friendly interface ensuring smooth quiz interactions.
- Implemented structured, maintainable code aligned with modern frontend practices.

Repository: <https://github.com/abyalax/Project-Test-DOT-Indonesia/>

App : <https://trivia-quiz-cast.vercel.app/>

Point Of Sales

Mei 2025 - Present

Developed a full-stack web-based Point of Sales (POS) application using React and NestJS, applying the complete Software Development Life Cycle from design to testing.

- Implemented advanced table management and real-time POS calculations for discounts, taxes, profits, and returns with high precision numeric.
- Built product management, transaction workflows, and analytics dashboard with a relational database and Role-Based Access Control (RBAC).
- Applied structured SDLC approach with system design diagrams and comprehensive testing.

Repository: <https://github.com/abyalax/point-of-sales>

App : <https://github.com/abyalax/point-of-sales>

CMS and Profile Web GenBI UNISKA

Mei 2025

Developed a web profile and CMS for GenBI using Next.js and TypeScript, focusing on SEO optimization and secure content management.

- Built dynamic landing pages and an integrated admin dashboard with NextAuth authentication and MySQL database.
- Implemented efficient member, executive, and news article management with structured workflows.

Repository: <https://github.com/abyalax/point-of-sales>

App : <https://github.com/abyalax/point-of-sales>

TOOLS

- Visual Studio Code + AI Extension
- Docker and WSL
- Git | Gitlab | Github
- Playwright | Jest | Postman