

# Abya Bahari Wafdulloh. S

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

## ABOUT ME

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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

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**Universitas Islam Kediri, Kediri** Sep 2023 – Present  
*On Going 4<sup>th</sup> Semester, Computer Engineering*  
GPA 3.92 of 4.00

## EXPERIENCE

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**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 Kediri*  
*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

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**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

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### 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/>

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### 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>

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### 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>

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## TOOLS

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