

**Muhammad Akmal Abid**  
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I am a fresh graduate with one year of professional experience in full-stack development using React.js and Node.js. In addition to my professional work, I have gained experience with Go, Linux, SQL databases, and Redis caching, allowing me to develop scalable and optimized applications for both personal and organizational needs.

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### SKILLS

- Frontend: HTML/CSS, Javascript, React.js
  - Backend: Node.js, Express.js, MySQL, PostgreSQL, Go, Redis, Microservices
  - Tools: Git, Docker, Postman, Figma
  - Other: RESTful APIs, gRPC, Websocket
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### EXPERIENCE

#### **Kantor DPD RI DIY, Yogyakarta**

*6th Semester Internship*

**February 2024 – May 2024**

- Developed an official institutional letter archiving system using Google Script, JavaScript, and HTML with a monolithic architecture.
- Debugged and refined the system based on mentor guidance and institutional requirements.

#### **Ntctraining.id, Yogyakarta**

*Remote Project-Based Fullstack Developer*

**November 2023 – December 2024**

- Developed internal tools to optimize training execution, including decision support systems, survey systems, and real-time evaluation systems using Node.js, Redis, and MySQL.
- Maintained and optimized existing tools to ensure high performance and reliability.
- Conducted regular updates, bug fixes, client-driven revisions, and feature enhancements.

#### **Ruangguru – MSIB 6 Studi Independen Kampus Merdeka, Jakarta**

*Subject : AI Integration In Backend Engineering of Application*

**February 2024 – June 2024**

- Mentored by expert engineers in backend development, covering Golang development and environment, Git, Linux, unit testing, and fundamentals of deep learning models.
  - Independently developed real-case ai-based projects as the final project of the program, demonstrating problem-solving skills and technical proficiency.
  - Conducted performance optimization and code refinement to ensure scalability, efficiency, and maintainability of developed solutions.
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### PROJECTS

- StruckServices (College Project) | [Page Link](#).  
Developed a digital agency website as a final project for entrepreneurship, utilizing React.js for the frontend and deploying it on Vercel
  - NtcQuizz (Ntctraining.id) | [Page Link](#).  
Developed a gamification-based evaluation platform, utilizing the backend with WebSocket for real-time features and Redis for efficient caching, providing a smooth and responsive user experience.
  - Gredupedia 5 | [Page Link](#).  
Developed a website for the Gredupedia exhibition and deployed the website on a Linux server using Nginx, ensuring optimal performance and accessibility.
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### EDUCATION

#### **Yogyakarta State University**

Educational Technology, 2021 – 2025