

# FARHAN MAULANA PANGESTU

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## PROFILE

Fresh graduate of S1 Informatics Engineering from Alma Ata University with a strong interest in web development. Experienced internship as Front-End Developer at PT Tech Academy International and graduate of MSIB Batch 5 program (Dicoding Indonesia) Front-End & Back-End track. Ready to contribute to developing solutions from the development stage to production, as well as consistently improving expertise following technological developments.

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## EXPERIENCE

### Coding Camp powered by DBS Foundation, specializing in

Februari - July 2025

#### Machine Learning - Student

- Complete Deep Learning curriculum ( $\pm 51$  hours) focusing on TensorFlow/Hard and end-to-end flow.
- Practice building models for NLP, time series (LSTM/RNN), image classification (CNN), and recommendation systems.
- Includes reinforcement learning (Markov/Q-learning), cross-platform model conversion & deployment, and an introduction to Generative AI.

### Internship PT Tech Academy International

October 2024 - May 2025

Served as a Front-End Developer on an edtech project (LabSkill), translating Figma designs into production components in Next.js, and integrating data from REST APIs for responsive and consistent interfaces.

- Translate Figma design into reusable components (Bootcamp Card, Bootcamp Details, About Us, Live Session, and Live Session Details) using Next.js, TypeScript, and Tailwind CSS.
- Consume RESTful API to display dynamic data; manage state, loading/error/empty state, and input validation on UI.
- Maintain UI/UX consistency, HTML semantics, and accessibility; ensure cross-device responsive display.
- Team collaboration via GitHub (branching, pull requests, code review) and Jira (task tracking, sprint review); weekly progress demos.
- Debugging and fixing bugs found from QA/PM feedback; refactoring code to make it more modular and maintainable.
- Contribute to component documentation and handover to relevant teams. - Stack & Tools: Next.js, TypeScript, Tailwind CSS, REST API, Git/GitHub, Jira, Figma.

### MSIB Batch 5 Studi Independent (Dicoding Indonesia)

July - December 2023

- Front End Back End developer, learn about complex web development and also provide good experience, regarding web development by prioritizing Capability, Semantic, Responsive, Web Security, User Interface, Restful API, AWS Cloud Server, Performance Web Optimization.

### AICOMS Workshop on Mobile Applications

March 2023

- Learned android mobile application development with dart and flutter languages.
- Developing Android Application development.
- From the workshop, I was able to learn the fundamentals of an application design system with the dart and flutter languages.

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## EDUCATION

### Alma Ata University

2021 - 2025

#### S1 Informatic Engineering

- GPA: 3.74/4.00
- Thesis "Implementation of Content-Based Filtering Algorithm for healthy food recommendations based on user calorie needs".

### MA Darul Fallah Bongas

2018 - 2021

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## PROJECTS

### Chatbot AI Assistant — Web App

August 2025

- Developed a simple AI chatbot application with Gemini AI API integration on Next.js, featuring dynamic responses with a clean UI.
- [GitHub](#)

### Healthy Foods Recommendation System — Web App | SKRIPSI

January 2025

- Build a healthy food recommendation system based on user input (profile & calorie needs) with Next.js and MongoDB; UI is responsive and easy to use.
- [GitHub](#)

### ChatYuk — Chat Web App

January 2024

- Built a lightweight chat application with Clerk authentication and Convex serverless backend; designed responsive UI and reusable components in Next.js.
- [GitHub](#)

### Web Aplikasi Wisata | Dicoding Indonesia

December 2023

- Large projects done with teamwork, using JavaScript, ReactJs, ExpressJs, RestFull API, AWS tokens. Team Management, Problem Solving, and real projects.
- [GitHub](#)

### Web Aplikasi Restaurant | Dicoding Indonesia

Nov - December 2023

- Project by prioritizing the main features, and good impression of using the Application, such as responsive, capability, RestFull API, InjactManifest.
- [GitHub](#)

### Web Aplikasi Film | Dicoding Indonesia

October – November 2023

- Project submission using JavaScript language, RestFull API, Responsive web.

### Form Diskusi | Mata Kuliah Pemrograman Web

March – April 2023

- Student discussion form project, with front end, back end rules, using native PHP programming language. Provides the application with communication features regarding information and sharing sessions.
- [GitHub](#)

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## Hard Skill

- Bahasa Pemrograman (JavaScript, ReactJs, NodeJs, ExpressJs, NextJs, TypeScript, Python, MongoDB, TailwindCss, Laravel, PHP).
- Cloud Coumputing dengan AWS.
- Sistem Control Veris: Git local & Repository.
- Microsoft Word, Microsoft Excel

## Soft Skill

- Communication Skill.
- Problem solving.
- Critical thinking.
- Teamwork.
- Project Management