

Ali Imannudin

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

Professional Summary

Computer Science undergraduate with hands-on experience in Full Stack Web Development, Machine Learning, and Software Engineering. Skilled in building scalable web applications using React.js, Next.js, TypeScript, FastAPI, and modern development tools. Experienced in developing end-to-end projects, integrating REST APIs, implementing authentication systems, and deploying applications to production. Strong problem-solving abilities, collaborative mindset, and passion for building impactful digital products.

Technical Skills

Programming Languages: Java, Python, JavaScript, TypeScript.

Framework & Library: Next.js, React.js, TensorFlow, Scikit-learn, FastAPI, Tailwind CSS.

Tools & Technologies: Git, GitHub, Linux, REST API, PostgreSQL, TensorFlow Lite, TensorFlow.js, Vercel, Hugging Face Spaces.

Experience

Laboratory Assistant - Faculty of Computer Science

Feb 2026 - Present

- Assist and mentor more than 50 students per semester in Object-Oriented Programming using Java.
- Support students in debugging applications and solving programming-related challenges.
- Contribute to laboratory materials, assignments, and practical assessments.

Full Stack Developer - Student Executive Board

Sep 2025 - Dec 2025

- Developed and deployed the organization's official website using Next.js and Server-Side Rendering (SSR).
- Built responsive and accessible user interfaces for multiple devices.
- Performed maintenance, debugging, and feature enhancements throughout development.

Projects & Technical Experience

AI Engineer Cohort - Pijak in collaboration with IBM SkillsBuild

Feb 2026 - Present

- Completed intensive training in Artificial Intelligence, Machine Learning, and Data Science fundamentals.
- Conducted Exploratory Data Analysis (EDA) and feature engineering on real-world datasets.
- Developed machine learning models using K-Means Clustering and Decision Trees.

WeMoviesAI - Full Stack Movie Recommendation Platform

Capstone Project - AI Engineer Cohort, Pijak in Collaboration with IBM SkillsBuild

- Developed a full-stack movie recommendation platform that helps users discover movies based on ratings, popularity, genres, and search preferences.
- Integrated external movie data from TMDb API and optimized API communication.
- Built a responsive frontend using React.js and TypeScript with reusable components and modern UI practices.
- Presented the final solution to mentors and stakeholders as part of the capstone project evaluation.

Education

Universitas Djuanda

Bachelor's Degree in Computer Science

Sep 2024 - Present

- **Current GPA: 3.95 / 4.00**

Leadership & Organizational Experience

Program Chair - Basic Leadership Training Program

Dec 2025 - Jan 2026

- Led the planning and execution of leadership development programs for new students.
- Coordinated committees and managed event timelines to ensure successful implementation.
- Facilitated communication between organizing teams, participants, and faculty representatives.