

# AHMAD MUDABBIR ARIF

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A highly motivated Informatics Engineering student at Institut Teknologi Bandung (ITB) with a strong passion for Software Engineering and Artificial Intelligence. Driven by curiosity, ambition, and the ability to excel under pressure, I embrace challenges as opportunities to innovate and grow. I am committed to continuous learning, problem-solving, and contributing to impactful projects. Eager to explore new experiences, collaborate with diverse teams, and apply my technical skills to real-world challenges in the ever-evolving technology landscape.

## EDUCATION

### Institut Teknologi Bandung

Bachelor of Engineering, Informatics Engineering, School of Electrical Engineering and Informatics 2022 – Present

- Current GPA: 3.xx/4.00
- **Course taken:** Algorithms & Data Structures, Discrete Mathematics, Computational Logic, Linear Algebra & Geometry, Formal Language & Automata Theory, Computer Organization & Architecture, Object-Oriented Programming, Algorithm Strategies, Probability & Statistics, Operating Systems, Databases, Software Engineering, Socio-Informatics & Professionalism, Computer Networks, Web Application Development, Database Systems, Human-Computer Interaction, Artificial Intelligence, Professional English for Communication, Project Management

## WORK AND ORGANIZATIONAL EXPERIENCE

### Official Website Forum Kerukunan Umat Beragama (FKUB) Makassar

January 2024 – Present

Freelance – Full Stack Developer

- **Developed** an official website for community engagement and social impact.
- **Built with** Next.js for the frontend and SQL for the database.
- **Features:** Landing page (profile, history, organization structure), news & articles, gallery, and a unique registration system for houses of worship.
- **Sole Developer:** Designed, developed, and deployed the website independently.
- **Administering** the Makassar FKUB website since January 2024, in **July 2024** began developing the website with new features and managing website administration, including database access and maintenance.

### ITB Fair

February 2024 – May 2024

Frontend

- **Frontend Developer** for an exhibition platform showcasing works from various ITB organizations (UKM & HMJ).
- **Worked in** a frontend team of **18 developers**.
- **Developed** the **exhibition** page, ensuring a seamless user experience and responsive design.

## PROJECT EXPERIENCE

*Other projects can be accessed at the portfolio link*

### Web-Based Application Development: LinkinPurry ([Github](#))

- **Developed** a LinkedIn-like platform for secure sharing of updates, networks and messages.
- **Built** user authentication, profile management, connection, notification, and API documentation with the **performance** of the web in mind.
- **Worked in a 3-person team** on **Frontend** and Backend using React, TypeScript, Tailwind CSS, Node.js, Express, Prisma ORM, PostgreSQL, and Docker.

### Hackathon Project: Venture ([Github](#))

- **Venture** is a digital platform that helps vendors in Jakarta connect to the digital economy by offering solutions for payments, inventory management, and sales tracking.
- **Developed** a cross-platform mobile app with React Native, ensuring smooth functionality on both iOS and Android.
- **Built** a scalable backend with Next.js for server-side rendering and static site generation, enhancing performance and SEO, while integrating a secure digital payment system for seamless transactions.

## ACHIEVEMENTS

### [INTERNATIONAL] Finalist in HackJakarta 2024 (Financial Inclusion Track)

2024

AngelHack & RISTEK CS UI, Grab Office in Jakarta South Quarter

- Finalist in the top 5 teams out of 20+ competing in the Financial Inclusion track of HackJakarta 2024.
- Built Venture, a digital platform that helps small vendors in Jakarta transition into the digital economy by streamlining business operations.

## SKILLS

- **Soft Skills:** Problem Solving, Analytical Thinking, Teamwork & Collaboration, Communication, Adaptability, Leadership, Project Management
- **Hard Skill:** Python, Java, C/C++, C#, JavaScript & TypeScript, Go, HTML, CSS, React, Next.js, Vue.js, Node.js, Flask, MySQL, PostgreSQL, MongoDB, Docker, Google Cloud, Postman, CI/CD, Git/Github/Gitlab
- **Language:** Indonesian (native), English