Muhammad Ilham Hilmi

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ABOUT

5th semester Informatics Engineering student with a strong passion for software engineering & development for continuous learning. Driven by curiosity, I enjoy exploring new technologies, building real-world applications, digital solutions, and solving challenging problems through hands-on projects. A fast learner with a growth mindset, committed to continuously improving technical skills and contributing to innovative, collaborative teams.

EDUCATION

2024 - Present
Paramadina University - Bachelor of Informatics Engineering | Current GPA: 3.72/4.00

2021 - 2024
Muhammadiyah 23 Jakarta Senior High School - Science Major

PROJECTS

2026 | Pandu : AI Powered Personalized Roadmap Platform - Fullstack Engineer

Developed an AI-powered web end-to-end application that generates personalized programming learning roadmaps, daily tasks and practice based on each user's goals, current skills, target timeline, and study availability. Implemented secure authentication, progress tracking, AI-generated learning paths, adaptive task generation, and a programming practice based on user preference.

- Tech Stack: Next.JS, TypeScript, React.JS, PostgreSQL, Prisma, Supabase, Vercel.
- URL: https://pandubelajar.vercel.app/
- Repository: https://github.com/ilhamhilmi/Pandu

2026 | Inventr : Multi - user Inventory Management System - Fullstack Engineer

Developed a end-to-end multi-user inventory management web application independently with personal inventory management for each user account. Implemented basic CRUD functionality, item search features, user authentication, and session management using cookies to ensure secure user access and personalized inventory data handling.

- Tech Stack: Next.JS, TypeScript, React.JS, MySQL, Vercel.
- URL: https://inventr-app.vercel.app/
- Repository: https://github.com/ilhamhilmi/inventr

2025 | WedWare : Wedding Attire Rental Platform - Frontend Engineer

Contributed as a Frontend Developer in developing a wedding attire and accessories rental platform for bridal needs. Worked on responsive user interface development and REST API integration for features such as user authentication, admin dashboard, booking management, cart ordering system, and worker activity reports to enhance overall user experience and application functionality.

- Tech Stack: Next.JS, TypeScript, React.JS, MySQL, Vercel.
- URL: https://wedware.vercel.app/
- Repository: https://github.com/ilhamhilmi/wedware-rpl

SKILLS

- **Programming Language:** JavaScript, TypeScript, SQL
- **Frontend:** Next.JS, React.JS, HTML5, CSS3, TailwindCSS
- **Backend & Database:** MySQL, PostgreSQL, Prisma ORM, Supabase, Firebase
- **Tools:** Git, Github, Vercel, Visual Studio Code, Figma
- **Non-Technical:** Problem Solving, Critical Thinking, Team Collaboration, Adaptability

WORK EXPERIENCE

2022 - 2023 | IT Support | PT. Sukses Daya Mitra Solusi

Assisted as an IT Support staff during training events by developing company web landing page, managing documentation and handling general technical support for electronic devices used throughout the activities. Helped ensure equipment operated properly, provided basic troubleshooting assistance, and supported the smooth execution of training sessions through effective coordination and adaptability.

LEADERSHIP & ORGANIZATIONAL EXPERIENCE

2026 | IT FEST 6.0 Paramadina University Committee - Event Division

Collaborated with the team in planning and executing the series of IT Fest 6.0 events. Assisted in arranging event flow and ensuring the activities ran smoothly from preparation to completion. Supported operational activities during the event to ensure everything followed the planned rundown.

2025 | IT FEST 5.0 Paramadina University Committee - Game Making Competition Coordinator

Coordinated the implementation of the Game Making competition as part of IT Fest 5.0. Responsible for managing the competition flow, coordinating with participants and judges, and working with the team to ensure the event ran smoothly, orderly, and according to schedule.

2025 | IP Routing 2025 Paramadina University Committee - Fun Game Division

Participated in organizing fun game activities as part of the event program. Assisted in preparing game concepts and managing the activities while interacting with participants to maintain an active and engaging atmosphere. Collaborated with the team to ensure the event was well organized.

2022 - 2023 | Head of Entrepreneurship Division - IPM Muhammadiyah 23 Senior High School

Led and managed the entrepreneurship division within the student organization. Coordinated team members in carrying out work programs and planned activities that supported the development of entrepreneurial skills and creativity among students.

CERTIFICATION

TOEFL Prediction Test (Score: 530) | Mr. Bob Kampung Inggris 2026

Serial Number: 0727/MBEC/06/III/2026