

## Muhamad Ibnu Fadhil

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### PERSONAL PROFILE

A final-year Computer Engineering student currently completing the final project. Highly passionate about learning technological advancements and eager to gain new experiences and skills from experts worldwide.

### EDUCATION

<b>Diponegoro University</b>	<b>Semarang, ID</b>
Bachelor of Engineering in Computer Engineering	Expected Graduation: May 2025
<ul style="list-style-type: none"><li>• Cumulative GPA: 3.95/4.0</li><li>• Finalist in Cybersecurity C2C Capture the Flag 2025, Northeastern University, Boston, USA</li><li>• Awardee of the Adaro Foundation Scholarship 2024-2025</li></ul>	

### EXPERIENCE

<b>Department of Computer Engineering, Diponegoro University</b>	<b>Semarang, ID</b>
Laboratory Teaching Assistant for multiple practicums	Mar 2024 – Present
<ul style="list-style-type: none"><li>• Microprocessor Engineering and Interfacing: Guided students in practical labs, focusing on microprocessor integration with computer systems.</li><li>• Control and Automation Engineering: Facilitated hands-on workshops in automation systems and control theory implementation using Simulink and Matlab.</li><li>• Multimedia: Taught students 3D content creation and game development.</li></ul>	

Multimedia Mentor of Computer Engineering Research Club	Apr 2023 – Oct 2023
<ul style="list-style-type: none"><li>• Introduced club members to the world of 3D, exploring its possibilities and applications.</li><li>• Led hands-on sessions in 3D modeling, texturing, and animation using Blender 3D.</li></ul>	

Research Staff of the Computer Engineering Student Association	Sep 2022 - Dec 2023
<ul style="list-style-type: none"><li>• Provided students with information and resources to participate in academic competitions.</li><li>• Contributed to winning the Best Stand Award at ODM FT 202.</li><li>• Committee Member of the School of Research 2022.</li></ul>	

<b>Bangkit Academy 2024 By Google, GoTo, Tokopedia, Traveloka</b>	<b>Bandung, ID</b>
Cloud Computing Student & Backend Developer	Sep 2024 – Dec 2024
<ul style="list-style-type: none"><li>• Engineered backend infrastructure for FaceFit app using Express.js and Prisma ORM, achieving 20% faster server response time.</li><li>• Deployed and managed application on Google Cloud Platform utilizing Cloud SQL, Cloud Storage, and App Engine.</li><li>• Coordinated with Machine Learning and Mobile Development teams to integrate facial analysis features and API implementations.</li><li>• Recognized as Top 1,000 Most Active Students and Top 5 Best Presenters in English ILT (Instructor Led Training) Activity Class.</li><li>• Graduated with distinction Top 10% Students in Cloud Computing with 96.20/100 average score.</li></ul>	

<b>PC Retail Store MJ-Teknologi</b>	<b>Semarang, ID</b>
Full Stack Developer – Final Project	Aug 2024 – Jan 2025
<ul style="list-style-type: none"><li>• Developed and deployed a comprehensive e-commerce platform using React.js, Express.js, and MySQL.</li><li>• Designed and optimized database architecture, improving inventory and transaction efficiency by roughly 25%.</li><li>• Created RESTful APIs to facilitate seamless communication between frontend and backend systems.</li></ul>	

## Government of Communication Department and Informatics

Project Manager and UI/UX Designer Internship

Semarang, ID

Sep 2023 – Nov 2023

- Developed a secure and scalable web-based system for intern attendance system, replacing the previous WhatsApp based method.
- Led a team of 5 developer interns to build the application using Express.js and React.js.
- Delivered a scalable application using React.js and Express.js, enhancing process efficiency by 30%.

## OTHER EXPERIENCE

### Fiverr Freelance Platform

Freelance 3D Product Designer

Remote

Sep 2020 – Sep 2024

- Delivered 100+ 3D product design projects for international clients with 100% on-time delivery rate.
- Achieved 80+ positive client satisfaction reviews, highlighting exceptional service and design quality.

### Islamic Middle School of Pangeran Diponegoro

Community Service Participant

Semarang, ID

Feb 2024

- Taught 30+ students robotics and IoT basics using block-based programming.
- Boosted STEM interest in 80% of participants (survey results).

### National Student Exhibition Information and Technology, Brawijaya University

Finalist in the Game Development category at Gemastik XV 2022

Malang, ID

Aug 2022 – Nov 2022

- Developed the game "Pulang Sekolah" using Unity 3D as the primary game engine.
- Collaborated with a team of three to ensure the game's success.
- Achieved finalist status, being the top 20 from over 600 competing teams.

### Engineering Faculty, Diponegoro University

Diponegoro Muda Orientation Event, Faculty of Engineering ODM-FT

Semarang, ID

Aug 2022

- Mentor for 20+ new engineering students, Class of 2022.
- Facilitated campus adaptation sessions, introducing students to the academic environment.
- Delivered 3 soft skills workshops on communication, teamwork, and leadership.

## TECHNICAL SKILLS

- Programming Languages: JavaScript, Python, Java, C
- Cloud Platforms: Google Cloud Platform, Firebase, Cloudflare, Vercel
- Embedded system: Matlab, Arduino

## CERTIFICATION

- CyberOps Associate - Cisco ✓
- JavaScript Essentials 1 - Cisco ✓
- Google Cloud Computing Foundations Certificate - Google Cloud ✓
- Awardee of Course Completion Oracle Academy: Database Design and Foundation ✓
- Learning Machine Learning Implementation with Google Cloud – Dicoding Indonesia ✓
- Becoming a Google Cloud Engineer - Dicoding Indonesia ✓

## LANGUAGES

- **Indonesia:** Native
- **English:** Upper-Intermediate (TOEIC: 770, TOEFL: 570, Fiverr English Test: 8.2/10)

## ACTIVITIES & INTERESTS

- **Activities:** Adaro Scholarship Awardee, HIMASKOM Undip, GDSC Undip, CERC Undip
- **Interests:** Web Development, Cloud Computing, Machine Learning, IoT