Hafid Alfisani

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PROFESSIONAL SUMMARY

6th-semester Informatics Engineering student at IIB Darmajaya with a **GPA of 3.84/4.00**. Specialized in **Mobile Development**, **Digital Forensics**, and **Technopreneurship**. Proven technical expertise through global certifications from HackerRank and Wadhwani Foundation. Proficient in managing the full **SDLC**, from UI/UX design in Figma to **Software Quality Assurance**.

EDUCATION

IIB Darmajaya | Bachelor of Informatics Engineering | **GPA: 3.84 / 4.00** | 2023 – Present
- **Relevant Coursework**: Advanced Mobile Programming, Mobile & Digital Forensics, Software Engineering (RPL), Technopreneur, Intellectual Property (HAKI).

EXPERIENCE & PROJECTS

Technopreneur / Small Business Owner | *Independent Business*
- Founded and managed a service-based business, implementing **Wadhwani Entrepreneurship** frameworks to optimize operations and customer growth.
- Handled financial planning and market analysis while maintaining a high academic standing (GPA 3.84).

Cybersecurity Challenge Participant | *PicoCTF*
- Successfully solved numerous security challenges categorized in **Easy and Medium difficulty levels**.
- Applied analytical thinking in **Cryptography, Web Exploitation, and Forensics** to identify vulnerabilities and capture flags in a competitive environment.

GPS Spoofing & Real-Time Tracker | *Android Studio, Flask, Python*
- Developed a dual-function mobile application to simulate GPS locations and detect fraudulent GPS data.
- Built a **Flask-based server** to process real-time location data and identify coordinate discrepancies for forensic investigation.

Advanced Mobile Quiz Application | *Android Studio, Figma, Java*
- Designed a high-fidelity UI prototype in **Figma** and developed a complete mobile quiz platform.
- Optimized database handling and state management as part of the **Advanced Mobile Programming** major project.

Network Simulation & Security | *Cisco Packet Tracer*
- Engineered and simulated secure network topologies, configuring protocols to ensure data integrity and efficient routing.

TECHNICAL SKILLS

- **Programming Languages**: Java (Android Studio), Python, PHP, JavaScript, SQL, C++.
- **Security & Forensics**: GPS Spoofing Detection, Phishing Analysis, Wireshark, PicoCTF (Easy/Medium), Mobile Forensics.
- **Tools & Backend**: Flask, Cisco Packet Tracer, XAMPP, MySQL, Figma, Git, VS Code, Canva.
- **Core Competencies**: Software Quality Assurance (QA), SDLC, UML Design, Business Development.

CERTIFICATIONS & ORGANIZATION

- **HackerRank Certificates**: Python (Basic), Java (Basic), Problem Solving (Basic) (2026).
- **KOMDIGI**: Introduction to Digital Mindset (2025).
- **Skill Academy by Ruangguru**: Data Analysis & Visualization (2023).
- **Informatics Student Association (HIMA TI) Darmajaya**: Contributed to IT community development programs and campus-wide technology events. Enhanced team coordination, technical communication, and collaborative problem-solving skills (2023 – 2025).