Ghefin Indra

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QUALIFICATIONS PROFILE

I am a full-stack developer with experience across frontend, backend, and database development for web and mobile applications. I work with React, Node.js, Flutter, MySQL/Firebase, Python, and Git, and I have applied Python to build AI-enabled features such as chatbot integrations and automated document processing, while maintaining a strong focus on end-to-end product delivery.

EDUCATION

TELKOM UNIVERSITY
Informatics – GPA 3.66   2022 - 2026

Related Coursework
Data Structures and Algorithms | Object-Oriented Programming | Database Systems
Software Engineering | Web Development | Mobile Application Development
Cloud Computing | Machine Learning | Artificial Intelligence | Computational Theory
Computer Networks | Cybersecurity | Operating Systems | Generative AI

EXPERIENCE

PT. INFOMEDIA NUSANTARA
Full-Stack Developer Intern   Aug 2025 – Present
- Developed an E-Commerce Manager platform (mobile + backend) to integrate and manage online stores, starting with TikTok Shop and scalable to other marketplaces.
- Built mobile app with Flutter for store management (products, orders, chats, and dashboards).
- Implemented backend with Node.js (Express + Sequelize) and MySQL for API services and data management.
- Integrated store authentication flow with secure token management for marketplace APIs.
- Developed features for product management (CRUD), order handling (view, update, reject), and customer chat system.
- Designed a modular project architecture for extensibility (future Shopee & other marketplace integrations).
- Applied REST API integration with external marketplace services to synchronize products and orders.

TELKOM INDONESIA
AI Engineer Intern   Sep 2025 – Jan 2026
- Developed AI-powered document validation system to automate commissioning test documentation processing and verification.
- Implemented OCR text extraction using Tesseract and integrated Telkom LLM APIs (Apilogy, Multimodal, Nanonets) for intelligent document analysis.
- Built REST API services with FastAPI and Python for document processing workflows.
- Created automated validation system with cross-checking against Excel reference data using Pandas.
- Assisted in developing business intelligence platform using Azure AI services and web search APIs.
- Designed user interface with Streamlit and deployed applications using Docker.

ORGANIZATIONAL EXPERIENCE

CENTRAL COMPUTER IMPROVEMENT
Data Research   Jan 2025 – Jan 2026
- Participated in data processing and analysis using machine learning and deep learning.
- Applied supervised and unsupervised learning techniques to real datasets.
- Assisted in building predictive models and improving data-driven insights.
- Collaborated with team to design and implement AI-driven solutions.
- Presented findings and AI insights in meetings and workshops.
- Developed and optimized algorithms for large-scale data processing.

HIMPUNAN MAHASISWA INFORMATIKA (HIMA IF)
Staff of Business and Entrepreneurship   Jun 2024 – Jan 2025
- Planned and coordinated a podcast series featuring Informatics students who own businesses, aimed at promoting student entrepreneurship and their ventures.

- Acted as podcast production operator, managing recording schedules, technical setup, editing, and publishing episodes.
- Created a business tips animation series titled "TIPIS (Tips Berbisnis)," handling concept development, scriptwriting, and animation editing.
- Designed and produced Informatics merchandise, including creating visual designs and managing online and offline sales.
- Collaborated with team members to run marketing strategies and engage the Informatics community through entrepreneurial media and product initiatives.

MARKETING CREW TELKOM UNIVERSITY
Media Team – Vlogcast Division   Sep 2023 – Aug 2024
- Contributed to the university's promotional efforts by supporting the production of podcast content aimed at attracting prospective students.
- Served as a technical operator during podcast recordings, handling camera setup, lighting, and audio equipment to ensure high production quality.
- Edited podcast episodes for publication across Telkom University's official media channels, maintaining brand tone and visual consistency.
- Collaborated with hosts and media team members to plan content aligned with the university's marketing goals.
- Helped promote Telkom University to high school students nationwide through engaging and informative media content.

TECHNICAL CAPABILITIES
- Languages: JavaScript, Python
- Frontend: React
- Mobile: Flutter
- Backend: Node.js
- Database: MySQL
- APIs: REST APIs
- DevOps/Tools: Git/GitHub, Docker
- Cloud: Google Cloud Platform (GCP), Microsoft Azure

PERSONAL ABILITIES
- Able to work well in a team and independently
- Good at solving technical and logical problems
- Clear and confident in communication
- Responsible and consistent in completing tasks
- Willing to learn and adapt quickly to new technologies
- Creative in finding solutions and designing ideas
- Comfortable working under deadlines or pressure

PUBLICATIONS
- Ghefin Indra, Najwa Aulia Aziza, Hazna Hamida Saputri, "Penerapan MobileNet untuk Klasifikasi Kondisi Wajah Mengantuk pada Citra Wajah", Journal of Informatics and Communication Technology (JICT), Vol. 7 No. 1, pp. 189–197, 2025.
- Ghefin Indra *(Presenter)*, Muhammad Farhan, Widya Herry Mulyani, Muhammad Thariq Akmal, Farizsyah Razif January, Hassan Rizky Putra Sailellah, Rio Guntur Utomo, "Optimization Techniques for Enhancing Artificial Neural Network Performance in Network Intrusion Detection Using Differential Evolution" in *Proc. 2025 IEEE 9th International Conference on Software Engineering and Computer Science (ICSECS 2025)*, Pahang, Malaysia, 15–16 Oct. 2025.

ACHIEVEMENTS
- Finalist, *Machine Learning Competition: Data Slayer 3.0* — Telkom University (HMSD), 27 Nov–20 Dec 2025.
- Finalist, *External Software Development Event (Sevent) 9.0* — Telkom University, 15 Oct–11 Dec 2025.