

Ghefin Indra

ghefin.indra@gmail.com | (+62) 82268639543 | [linkedin.com/in/ghefin-indra/](https://www.linkedin.com/in/ghefin-indra/) | <https://github.com/GhefinIndra> | [Portofolio](#) | South Tangerang City

QUALIFICATIONS PROFILE

I am someone who thrives on challenges and has a strong interest in software development, data systems, and digital solutions. I am experienced in designing and developing mobile and web applications, as well as working with databases and cloud-based platforms. I am skilled in technologies such as Flutter, Dart, Firebase, Python, SQL, and Git. I am passionate about contributing to technology-based projects and continuously growing through hands-on experience, collaboration, and learning.

EDUCATION

TELKOM UNIVERSITY

Informatics – GPA 3.60 2022 - Now

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

TELKOM INDONESIA

AI Engineer Intern Sep 2025 – Now

- 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.

PT. INFOMEDIA NUSANTARA

Full-Stack Developer Intern Aug 2025 – Now

- 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.

HAND2HEART – DONATION PLATFORM (WEB & MOBILE)

Full-Stack Developer (Team Project) Okt 2024 – Jun 2025

- Developed a donation platform (web & mobile) connecting donors with orphanages.
- Designed and implemented frontend (React, Flutter) and backend systems.
- Built authentication with role-based access (admin & donor).
- Created admin dashboard for managing orphanage profiles and donation needs.
- Enabled donors to browse orphanages, view items, and submit donations with messages.
- Integrated Firebase for authentication, Firestore database, and cloud storage.

ORGANIZATIONAL EXPERIENCE

CENTRAL COMPUTER IMPROVEMENT

Data Research Jan 2025 - Now

- 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

- Proficient in web and mobile development (HTML, CSS, JavaScript, React, Flutter, Dart)
- Experienced with backend and database technologies (Firebase, MySQL, Node.js, PHP)
- Familiar with version control and collaboration tools (Git, GitHub)
- Able to integrate and utilize RESTful APIs and third-party services (e.g., Google Maps API, OpenAI API)
- Knowledgeable in basic AI and machine learning concepts using Python (TensorFlow, Scikit-learn)
- Skilled in UI/UX design and prototyping tools (Figma, Canva)
- Capable of building full-stack applications and implementing role-based access control

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*, Muhammad Farhan, Widya Herry Mulyani, Muhammad Thariq Akmal, Farizsyah Razif January, Hassan Rizky Putra Sailallah, and Rio Guntur Utomo, “Optimization Techniques for Enhancing Artificial Neural Network Performance in Network Intrusion Detection Using Differential Evolution,” in *Proceedings of the 2025 IEEE 9th International Conference on Software Engineering and Computer Science (ICSECS 2025)*, Pahang, Malaysia, 15–16 October 2025.