

Laurens Fernando Pasaribu

Jakarta, Indonesia

pasaribulaurens@gmail.com | 082174935238

[Linkedin](#) | [Github](#) | [Portfolio](#)



Fresh graduate in Computer Science (S.Kom, GPA 3.82) from Universitas Gunadarma with strong interest in AI, Android Development, and Data Analysis. Experienced in building 5+ mobile applications and multiple machine learning models with proven accuracy improvements. Skilled in creating simple dashboards for monitoring and reporting, and applying analytical techniques to transform data into insights. Hands-on experience in IT support during an internship at the Ministry of Foreign Affairs, including device setup, network troubleshooting, VPN configuration, and endpoint security. Solid background in Python, Kotlin, SQL, and UI/UX design, combined with strong problem-solving skills and eagerness to contribute to technology-driven solutions.

EDUCATION

Universitas Gunadarma - Bachelor of Computer Engineering with GPA 3.82 *June 2021 – Agustus 2025*

EXPERIENCE

Bangkit Academy led By Google, Tokopedia, Gojek, & Traveloka

February 2024 – July 2024

- Completed the Android Development curriculum from beginner to expert level, covering Kotlin, UX Design Fundamentals, SOLID Principles, and Machine Learning for Android.
- Developed multiple Android applications, including an OCR App, a Story App, and a Skin Disease Detection App with REST API integration and machine learning deployment.
- Collaborated in a cross-functional team during the capstone project to design and build a functional Android application.

Artificial Intelligence In Industry 4.0 For Medical Device Industry

September 2024 – December 2024

- Built medical image classification model (MobileNetV2) with >90% accuracy on Kaggle dataset.
- Collaborated in a cross-functional team of 6 engineers, delivering final project 1 week ahead of deadline.

Ministry of Foreign Affairs of the Republic of Indonesia

1. Intern of Sekretariat Direktorat Jenderal Protokol dan Konsuler

October 2024 – December 2024

- Participated in the cooperation agreement process by reviewing draft agreements and attending stakeholder meetings.
- Contributed to public awareness initiatives on citizen protection by creating impactful media and communication materials, including social media content, infographics, and posters.
- Supported the implementation of face-to-face consultations and managed data related to Indonesian citizens facing issues abroad, ensuring proper follow-up actions and maintaining accurate records.
- Assisted in the data collection and management of Indonesian citizens abroad, ensuring accuracy and completeness for reporting purposes.
- Designed and developed dashboards to monitor deportation and repatriation cases of Indonesian citizens, transforming weekly reports into visual insights that supported timely decision-making.

2. Information Technology Support Engineer

Januari 2025 – March 2025

- Operate technical support in zoom meeting video conferences
- Repair internet network connections on Cisco and Fortinet switch access ports
- Encoding VPN forticlient in the internet network for users
- Implement Kaspersky Endpoint Security antivirus for device security
- Helps improve Microsoft Exchange email for users
- Contributed to the development of UI/UX *Gastor Diplomacy 2025 RI*.
- Designed and developed interactive dashboards to visualize and monitor IT and operational data, improving decision-making and reporting efficiency

RECENT PROJECT ([Github](#), [Portfolio](#))

Application Developer

1. **F.R.I.D.A.Y. (Skin Disease Detection)** - Developed an Android application integrating a MobileNetV2 model (86.6% accuracy) with TensorFlow Lite, metadata storage, and a Gemini-based AI chatbot. Achieved an 83.25% UAT score, demonstrating usability, stability, and feasibility as an. [🔗 Link video](#)
2. **Skin Disease Classification (PT Stechoq Robotika Indonesia)** – Designed and implemented an AI model using MobileNetV2 (CNN) trained on a Kaggle dataset to classify multiple skin conditions (infectious, eczema, pigmentation, acne, benign, and malignant). Applied transfer learning and fine-tuning in Google Colab, resulting in reliable accuracy for early detection and healthcare support. [🔗 Link video](#)
3. **TerraVision** - An application that uses artificial intelligence to help beginners in real estate investment by predicting property prices and providing strategic recommendations. [🔗 Link video](#)

Website – personal project

1. The creation of an E-Commerce platform specializing in the retail of medical equipment. This website was meticulously crafted utilizing the Niagahoster content management system platform

UI/UX Designer

1. UI/UX Design for Gastrodiplomasi Kemlu 2025 – Kementerian Luar Negeri RI 2025
A platform designed to enhance Indonesia's gastrodiplomacy efforts by promoting the country's rich culinary heritage on a global scale. The UI/UX focuses on an engaging, modern, and accessible interface to showcase Indonesian cuisine, facilitate international collaborations, and strengthen cultural diplomacy. (Still in progress). [🔗 Link Procjet](#)

Data Science – personal project

Prediksi Depresi : This project predicts depression risk based on factors like age, marital status, education, employment, smoking habits, family history, and income. It enables early intervention, benefiting healthcare providers, insurers, and communities through cost savings, targeted support, and data-driven policies. [Link](#)

SKILLS

Soft Skill :

Project Management, Product Management, Agile. Problem Solving, Leadership, Analytics, Professional Communication, People Management, Critical Thinking, Time Management., Consultation, Team Management

Technical skills :

Android Development, Database, UX Research, UI/UX Design, Technical Support, Network Engineering, Media Communications, Artificial Intelligence, data analytics, 3D Modeling

Programming Language:

Kotlin, XML, SQL, MySQL, Java, HTML, CSS, Python. PHP

Tools:

Android Studio, Firebase, Gitlab, Github, Figma Design, Google Colabs, Kaggle, postgre Visual Studio code (Utilizing Figma For UI/UX design in applications or web development),
Microsoft Excel, Microsoft Powerpoint, Microsoft Word, Google Play Console, Appstore Connect, 3D Blender, Google Tools (Docs, Sheets, Slides, Form, Classroom, Meet) Wordpress, Laravel

TRAINING & CERTIFICATIONS

- MSIB 6 | Studi Independen, **Mobile Development Cohort** – Bangkit Academy

[Certification](#) *Feb - Jun 2024*

- MSIB 7 | Studi Independen, **AI Specialist** - PT. Stechoq Robotika

[Certification](#) *September – December 2024*

- Pusat Teknologi Informasi Dan Komunikasi Kementerian Luar Negeri

[Certification](#) *Januari – March 2025*

- Intern of Sekretariat Direktorat Jenderal Protokol dan Konsuler

[Certification](#) *October – December 2024*

- Belajar Penerapan Machine Learning untuk Android|

[!\[\]\(870f5d5e9c0d57485634be3ecf52f3ca_img.jpg\) \[Show Credential\]\(#\)](#) | Dicoding Indonesia *April 2024*

- Belajar Pengembangan Aplikasi Android Intermediate|

[!\[\]\(0d5ec72f61334709c3fc9450209b754f_img.jpg\) \[Show Credential\]\(#\)](#) | Dicoding Indonesia *April 2024*

Other certificates can be found at the following link: [Show Certification](#)