

SALMAN RAUSYAN FIKRI

INFORMATICS STUDENT AT IT-PLN

[linkedin.com/in/salman-rausyan-fikri/](https://www.linkedin.com/in/salman-rausyan-fikri/)

[+6285280836497](tel:+6285280836497)

salmanrausy@gmail.com

SUMMARY

I am a Fresh Graduate from the PLN Institute of Technology who understands several programming languages such as C++, Java, Python, and Kotlin. Currently I am still working on research activities carried out by my lecturer to detect errors in reading Al-Quran Surah Al-Maidah verse 109 using Mel-Frequency Cepstral Coefficients (MFCC).

EDUCATION

INSTITUT TEKNOLOGI PLN - Jakarta

August 2020 - September 2024 (Expected)

Bachelor's Degree in Informatics Engineering

- **Current GPA** : 3.87/ 4.00 [[transcript](#)]
- **QA Engineering Internship** at Kementerian Pendidikan Budaya Riset & Teknologi [[credential](#)]
- **Bangkit 2023** - Study Independent at Kampus Merdeka [[credential](#)]
- **Basic English Education Standardization (BEES)** by Language Development Center - ITPLN [[credential](#)]
- **English Language Test (ELT)** by Language Development Center - ITPLN [[credential](#)]
- **Microsoft Office Specialist - Word 2019** by Microsoft Certified [[credential](#)]
- **Azure AI Fundamentals** by Microsoft Certified [[credential](#)]
- **Belajar Prinsip Pemrograman SOLID** by Dicoding Indonesia [[credential](#)]
- **Belajar Dasar UX Design** by Dicoding Indonesia [[credential](#)]
- **Belajar Pengembangan Aplikasi Android Intermediate** by Dicoding Indonesia [[credential](#)]
- **Belajar Fundamental Aplikasi Android** by Dicoding Indonesia [[credential](#)]
- **Belajar Membuat Aplikasi Android Untuk Pemula** by Dicoding Indonesia [[credential](#)]
- **Memulai Dasar Pemrograman Untuk Menjadi Pengembang Software** by Dicoding Indonesia [[credential](#)]
- **Memulai Pemrograman Dengan Kotlin** by Dicoding Indonesia [[credential](#)]
- **Latihan Dasar Kepemimpinan Mahasiswa (LDKM) PYTHON 2021** by Himpunan Informatika ITPLN [[credential](#)]

WORK EXPERIENCES

MOBILE DEVELOPMENT STUDENT AT BANGKIT ACADEMY BATCH 4

February - July 2023

Developing an Android-based application as a final project so that it can detect skin diseases using Camera X and the images taken are processed using TF-Lite which includes a Machine Learning model.

Skill Requirements : Android Studio, Kotlin, XML, Figma, Time Management, Professional Communication, and Problem Solving

SOFTWARE ARCHITECTURE & QUALITY LABORATORY ASSISTANT (CONTRACT)

November 2021 –
March 2024

- Assisting lecturers in carrying out practicum in the laboratory
- Maintenance laboratory hardware, software, and inventory
- Prepare practice modules
- Holding Workshops & Seminars

Skill Requirements : Dev C++, Apache Netbeans, C++, Java, JavaGUI, Time Management, Professional Communication, and Problem Solving

**INTERNSHIP QUALITY ASSURANCE ENGINEER AT SEKRETARIAT DIREKTORAT
JENDERAL PENDIDIKAN TINGGI, RISET, DAN TEKNOLOGI KEMENTERIAN
PENDIDIKAN, KEBUDAYAAN, RISET, DAN TEKNOLOGI**

August – December 2023

- Conducting manual and automated testing for all functionalities on the following pages: <https://dev-pd.dikti.go.id/> and <https://devhelpdesk.dikti.go.id/> utilizing Katalon Studio.
- Develop a User Acceptance Testing (UAT) document for the client or end user to execute, ensuring comprehensive verification of website features in accordance with the user's request document.
- Generate a bug report document designed for developers to facilitate the retrieval of information regarding system bugs or specific features on the website.

Skill Requirements : Critical Thinking, Collaborative Mindset, Work Ethic, Problem Solving, Testing Mindset, Testing Management, Functional Analysis & Testing, Understanding of Bug Tracking and Testing, HTML, CSS, Groovy

COMMITTEE

MASTER OF CEREMONY- SAQ LABORATORY

Oktober, 2023

Workshop Build Your Portfolio Website with Software Architecture & Quality Laboratory at SMA Negeri 33 Jakarta

OPERATOR - IT-PLN

December, 2022

Seminar Nasional Energi, Kelistrikan, Teknik dan Informatika (SNEKTI) 2022 with Institut Teknologi Perusahaan Listrik Negara [\[credential\]](#)

CHIEF EXECUTIVE - IT-PLN

August, 2022

Workshop Build Simple GUI Applications Using Singkong Programming language with Software Architecture & Quality Lab

SPEAKER - IT-PLN

May, 2022

Become a speaker to fill in Programming Algorithms & Data Structures material about LinkedList and Pointer using the C++ Programming language for PLN Institute of Technology students at Quick Tutor Event led by Software Architecture & Quality Laboratory

PUBLIC RELATION COORDINATOR - IT-PLN

April, 2021

LKMM pra-TD Public Relation Coordinator with Himpunan Informatika at Institut Teknologi Perusahaan Listrik Negara

SKILLS

C++, Java, Java GUI, Kotlin, Python, XML, SQLite, HTML, CSS, Microsoft Office (Word, Excell, Powerpoint), WordPress, Canva, Figma, IT-Support, Computer Network, Problem Solving, Time Management Skills, and Professional Communication.



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ABOUT ME

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SKILLS

- C++
- Java
- Python
- Kotlin
- Android Studio
- Java GUI
- XML
- HTML
- CSS
- Figma

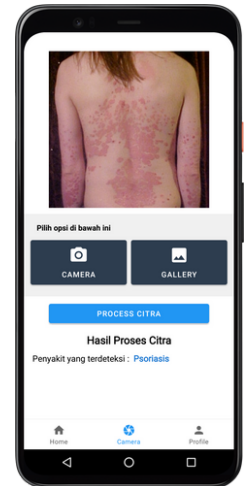
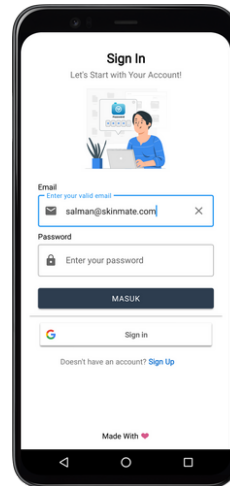
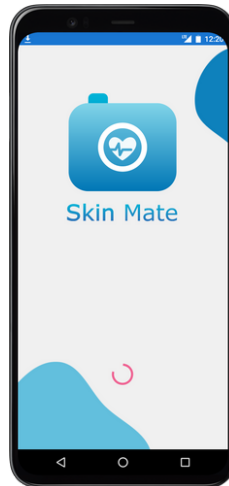
EXPERIENCES

- Software Architecture & Quality Laboratory Assistant
November 2021 - Now
- Mobile Development Student at Bangkit Academy Batch 4
February - July 2023
- Internship Quality Assurance Engineer at Kemendikbud Batch 2
August - December 2023

PORTFOLIO

SKIN MATE

Repository : [GitHub](#)

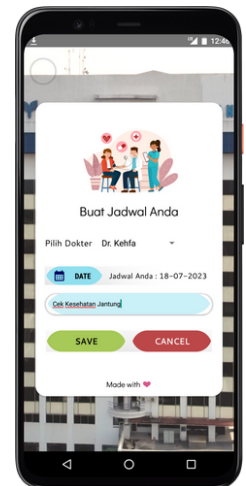
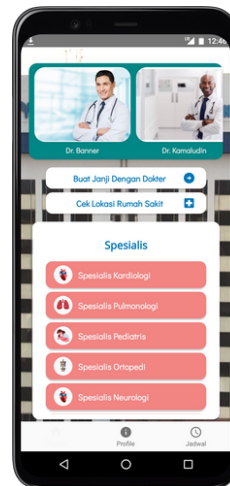
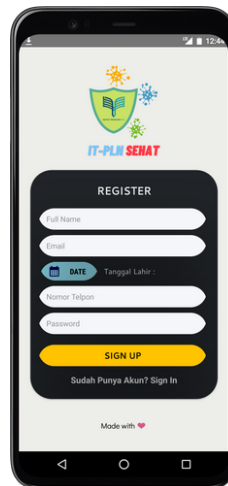


Application's Name : Skin Mate
Programming Language : Kotlin
Code Editor : Android Studio
Work Period : 9 - 15 June 2023

SkinMate is a health application designed to assist users in detecting skin diseases through the utilization of Image Processing derived from a program trained by the Machine Learning team. This application was developed as part of the final project at Bangkit Academy 2023 Batch 4. The application is constructed by three Learning Paths: Mobile Development, Machine Learning, and Cloud Computing. User data is stored in Firebase to facilitate authentication and enable image processing using TensorFlow Lite.

IT-PLN SEHAT

Repository : [GitHub](#)



Application's Name : ITPLN Sehat
Programming Language : Kotlin
Code Editor : Android Studio
Work Period : 30 Desember 2022 - 9 Januari 2023

ITPLN Sehat is a health application designed to assist users in registering health check-ups at a clinic or hospital online for effective and efficient time and resource management. This application was developed as part of the final project for the Mobile Programming course at the PLN Institute of Technology. All data, including authentication, user profiles, doctor names, doctor schedules, and schedule creation, is stored in the device's local storage using the SQLite Database.



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SKILLS

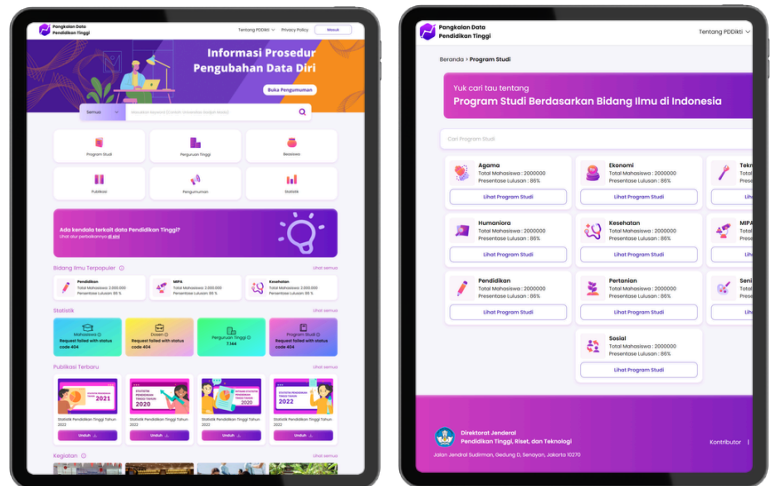
- C++
- Java
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EXPERIENCES

- Software Architecture & Quality Laboratory Assistant
November 2021 - Now
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PDDIKTI

Website: [PDDikti](#)



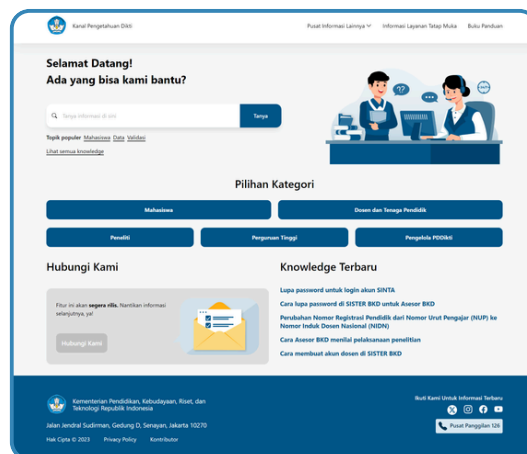
- Application's Name : PDDikti
- Work Period : 7 November 2023 - Now
- Profession : QA Engineering

PDDikti is an official website-based application managed by the Directorate General of Higher Education, Ministry of Education and Culture of the Republic of Indonesia. Functions to serve all higher education stakeholders who are integrated with PDDikti so as to obtain higher education information references. This application is here as a reference for higher education information and makes it easy for users who want to access data information about higher education and the academic community anywhere and anytime.

Currently, PDDikti is being developed to change its current appearance to the one in the link <https://dev-pd.dikti.go.id/program-studi>. As QA Engineering, we are obliged to create a Test Case scenario when all new displays and features have been updated because this is necessary to ensure that all features and displays in PDDikti can run as we expect.

KANAL PENGETAHUAN DIKTI

Website : [Helpdesk PDDikti](#)



- Application's Name : Kanal Pengetahuan Dikti
- Work Period : 14 August 2023 - Now
- Profession : QA Engineering

Kanal Pengetahuan Dikti is an integrated information center service linked with various Diktiristek services. As QA Engineers, our responsibility is to ensure that all features and displays on the Knowledge Channel Dikti page function as expected. This is achieved through testing using the test cases we create, and any identified bugs are reported to the development team. This process is essential to prompt the timely resolution of identified bugs.



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SKILLS

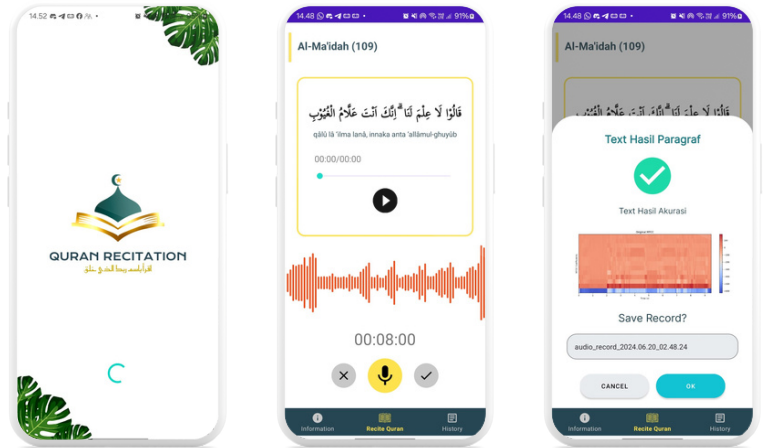
- C++
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August - December 2023

PORTFOLIO

QURAN RECITATION Repository : [GitHub](#)



Application's Name : Quran Recitation
Programming Language : Kotlin
Code Editor : Android Studio
Work Period : 8 Maret - 15 Agustus 2024

Quran Reitation is an application built for my thesis research project to implement a Convolutional Neural Network (CNN) model that takes input from the visualization of audio sound extraction of people reciting the Quran using the Mel-Frequency Cepstral Coefficient (MFCC). The purpose of building this application is to facilitate the testing process of the embedded model in order to analyze the results of the process of determining whether the reading of the Quran is correct or not.