MAHENDRA ADI RAHMAWAN

https://www.linkedin.com/in/mahendraadir/
https://mahendraadir.vercel.app/

Email: rahmawan581@gmail.com
Mobile: +62 81226390964

SUMMARY

Fresh Graduate of Telecommunication Engineering at Telkom University, with 1 year experience in Software Development, Mobile Application, Cloud Computing, and Technical Support. My core stack is Kotlin, Jetpack Compose, React, Next.js, Website, UX Design, JavaScript, Python. Interest fields are Software Development, Mobile Application, Cloud (Azure, GCP), Network Engineer (Server). Highly motivated to serve effective, enhancing user experience for evolving business needs from Software Development aspect. A personality can be leadership, project management, adaptability, effective time management, skills in telecommunication engineering, and continuously updated software development

EDUCATION

Telkom University   Bandung, Indonesia
Bachelor of Telecommunication Engineering   **2020 - 2024**

- GPA: 3.61
- Final Project: Research sentiment analysis for autism children with deep learning NLP, GCP, Mobile App.
- Interest fields: Software Development, Mobile Application, Cloud (Azure, GCP), Telecommunication Engineer (Server).

SKILLS SUMMARY

- **Programming** : Kotlin, Java, Javascript, Python, SQL
- **Frameworks** : Next.js, Jetpack Compose, Pandas, Flutter
- **Platform** : Azure, Google Cloud Platform, Linux, Android Studio, Visual Studio Code, Firebase
- **Soft Skills** : Leadership, Project Management, Adaptability, Time Management, Responsible, Target Oriented

PROFESSIONAL EXPERIENCE

TASTI ANUGERAH MANDIRI – AUTHORIZED TOYOTA DEALER   **June 2024 – Present**
Information Technology Intern – Information System & Technology Departement (ISTD)

- o Development Azure Server for RPA deployment using Windows Server and configure requirement system with estimated less than 2 weeks.
- o Analyze requirement of new demand of information system solution in back office, data integration.
- o Develop system to support Tasti Anugerah Mandiri business growth especially in Workflow system.
- o Handling system operation in back office.
- o Collaborate with other divisions for coordination development improvement system.

Bangkit 2023   **Feb 2023 – July 2023**
Mobile Development

- o Development Created mobile application leveraging Android Studio and Github API to search users and detail users <1 month
- o Crafted Android application using MVVM and SOLID concepts for sharing story to API with the locations and maps for approximately 1 month, also analyzed logic programming on camera code.
- o Soft skills assignment: Growth Mindset, Time Management, Critical Thinking, Adaptability, Project Management, Professional Communication and Professional Branding
- o Collaborate in teams to design Capstone Project, also implement machine learning model, and fetch API from Cloud teams to Application for approximately 1 month.

Cyber Physical System Laboratory   **Jun 2023 - Jun 2024**
Coordinator Assistant

- o Development Supervised 2 departments (Practicum and Research Departments) with approximately 45 members and implemented project management Agile for laboratory roadmap.
- o Configure Proxmox Server to deploy a website and connect to Cloudflare for domain public access.

- o Led 3 projects for the Internet of Things and served data to websites using Nextjs < 3 months.

Practicum Assistant
- o Configure server Asterisk and OpenIMS for practicum Telecommunication Network simulation.
- o Cyber Physical System is a Laboratory for researching and teaching college students about Cisco Packet Tracer, GNS3, VOIP, WebRTC, NS3, and Goip/Trunking Asterisk. Also, I led a recruitment project about the Internet of Things, embedded systems, and networking.
- o Responsible for doing an Internet of Things project, successfully serving Firebase's data and implementing it into Web Development and Mobile app with Kotlin.

AEON Credit Service x Rakamin Academy   Jan 2023
IT Infrastructure
- o Learning about Principles Apache dan Deployment Operation, Infrastructure as Code and Remoting Server, Understanding cloud as Server and Routing Management and Network Security Implementation
- o The final test is the Deployment windows server using Microsoft Azure with estimation time <1 week A

PROJECTS

PARENTPAL   Oct 2023 – March 2024
Team Lead & NLP
- o Led for Capstone Design Final Project ParentPal
- o Designing system flow, managing team, and collecting datasets from the autism center.
- o Research about autism spectrum disorder at the autism center is needed to solve and make system reporting the therapist easier using the Android application.
- o Implementing transfer learning NLP using indoBERT model for classify sentiment analysis and program recommendations for children with autism spectrum disorder
- o Build backend integration for indoBERT model using FastAPI and deployment using Docker and Google Cloud Platform.

GELORA   Nov 2023 – Dec 2023
Android Developer
- o Build and integration system for monitoring and controlling aquarium using Internet of Things, Firebase, Mobile Application.

Mediscan   Aug 2023 – September 2023
Android Developer
- o Craft Mobile Application for doctor receipt classification using camera, image classification, Google Cloud Platform with an estimated time 1 month.

Hening   May 2023 – June 2023
Android Developer
- o Craft Mobile Application and research about Bahasa Isyarat Indonesia (BISINDO) for sign language detection using a camera with an estimated time 1 month
- o Led for integration system between Machine learning, Cloud Computing (Backend), and Mobile App (Kotlin)

ORGANIZATION EXPERIENCE

Cyber Physical System Laboratory
Curriculum Division   Jan 2023 - Mei 2023
- o Responsible for ensuring the delivery of high quality resources, enhancing knowledge of the new assistant, and judging for the final project of the new assistant with the topic of Mobile Development

Public Relation Coordinator   Sep 2022 - Oct 2022
- o Responsible find a media partner and coordinating with the lecturer to make a speaker in Open Laboratory Cyber Physical Systems.

HIPMI PT UNIVERSITAS TELKOM
Division Sponsorship Coordinator   Jan 2023 - Mei 2023
- o Responsible for providing technical and administrative support for sponsorship to support the goals and objectives of Hipmi Business Competition Event.

CERTIFICATES

- **Bangkit: Successfully completing Bangkit, specializing in Mobile Development**
- **DICODING: Belajar Pengembangan Aplikasi Android Intermediate**
- **DICODING: Belajar Dasar UX Design**
- **DICODING: Belajar Membuat Aplikasi Android dengan Jetpack Compose**
- **DICODING: Memulai Dasar Pemrograman untuk Menjadi Pengembang Software**
- **DICODING: Belajar Prinsip Pemrograman SOLID**
- **DICODING: Belajar Fundamental Aplikasi Android**
- **DQLAB: Fundamental SQL Using SELECT Statement**
- **DQLAB: Fundamental SQL Using FUNCTION and GROUP BY**