Irsyan Ramadhan

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SUMMARY

A Computer Engineering graduate with a Cum Laude GPA of 3.67, specializing in mobile (Flutter) and web (React, Node.js) application development. Experienced in leading a national research project (PKM-KC) funded by the Ministry of Education and Culture, successfully developing a Machine Learning model with 98% accuracy and registering it as an IPR. Possesses strong problem-solving, leadership, and teamwork skills to create efficient and impactful technology solutions.

SKILLS

Programming language: Dart, Python, JavaScript, TypeScript, HTML5, CSS3, PHP, C (Basic)
Framework & Library: Flutter, React.js, Node.js, Express.js, Next.js
Database & Cloud: Firebase (Firestore, Authentication), MySQL, Google Cloud Platform (GCP)
Tools & Platforms: Git, GitHub, VS Code, Figma, Postman, TensorFlow
Soft Skills: Leadership, Teamwork, Problem Solving, Communication, Critical Thinking

EXPERIENCE

Programming Laboratory Assistant   August – December 2024

Syiah Kuala University

- Mentored 30+ students in Python labs, provided debugging guidance, and assessed assignments, resulting in a 15% increase in assignment success rates.

PROJECT EXPERIENCE

Team Leader & Mobile Developer – PKM-KC 2024   February - December 2024

MobileNet V2-Based Face Classification Application for Autistic Children

- Leading a team (4 members) in research funded by the Indonesian Ministry of Education and Culture, successfully developed a Flutter mobile application with an ML model (MobileNetV2) for face classification that achieved 98% accuracy and was registered as an IPR.

Web Developer – CMD HIMATEKKOM 2024   July – September 2024

Computer Multi Challenge Day

- Built an online quiz platform (React.js & Firebase) for 30+ participants, complete with an admin dashboard for real-time score management and deployed with Safe Exam Browser.

Machine Learning Cohort – Bangkit Academy 2023   August 2023 – January 2024

Led by Google, Tokopedia, Gojek, & Traveloka

- Collaborated in a cross-disciplinary team to build an end-to-end ML project, successfully developing a garbage classification model (MobileNetV3) with 92% accuracy.

ORGANIZATIONAL EXPERIENCE

PSDM Staff – HIMATEKKOM   January – December 2024

Syiah Kuala University

- Designed and implemented a skills development program for members, resulting in a 20% increase in member participation in internal activities.

Event Coordinator – HIMATEKKOM National Seminar   January - December 2024

Syiah Kuala University

- Successfully coordinated a national seminar for 80+ participants and secured sponsorship for the event.

EDUCATION

Syiah Kuala University   Sept 2021 – August 2025

Bachelor of Engineering, Computer Engineering Study Program

- Predicate: Cum Laude (GPA 3.67/4.00)
- Thesis: Development of a Mobile Application for Autistic Children's Face Classification Using MobileNetV3 (Model Accuracy: 96%).

CERTIFICATION & LICENSE

- **Student Creativity Program Funding (PKM-KC)** - Ministry of Education and Culture of the Republic of Indonesia | [Certificate](#)
- **Copyright Registration Certificate (IPR)** - Ministry of Law and Human Rights of the Republic of Indonesia | [Certificate](#)
- **Machine Learning Graduate**- Rise Academy 2023 | [Certificate](#)
- **Flutter Course**- Coding | [Certificate](#)
- **DeepLearning.AI TensorFlow Developer** - Coursera | [Certificate](#)