

# MUH. ADE WAHYU PUTRA.M

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## EDUCATION

### Politeknik Negeri Ujung Pandang (PNUP)

D-IV Teknik Elektro — IPK: 3.34 / 4.00

Makassar, Indonesia

2021 — 2025

Skripsi: Perancangan Asisten Virtual Berbasis TensorFlow Lite dan Vosk untuk Pengguna Android

### SMKN 1 Pinrang

Multimedia

Pinrang, Indonesia

2017 — 2020

## EXPERIENCE

### Kodeka Labs

Intern — Social Media Specialist & Developer

Makassar, Indonesia

Jan 2025 — Present

- Managed social media content while actively contributing as Web & Mobile Developer within the engineering team
- Developed FERE POS web dashboard (Next.js, TypeScript) and mobile cashier app (Flutter) with QRIS payment, shift management, and sales analytics
- Built automation workflows using n8n and Apify for auto-attendance via WhatsApp, reducing manual tasks by ~70%

## PROJECTS

### Chatbot PNUP — Thesis Project

2024 — 2025

- Built an offline Android chatbot for campus information using NLP and on-device speech recognition (TensorFlow Lite & Vosk)

Kotlin • TensorFlow Lite • NLP • Vosk • Android

### FERE POS — Web & Mobile

2025

- Developed a full-featured POS system: web dashboard (Next.js) for management and mobile app (Flutter) for cashier operations with QRIS payment and HPP calculation

Next.js • TypeScript • Flutter • Dart • Tailwind CSS

### POS Offline

2024

- Built an independent offline-first Point of Sale mobile app with SQLite local storage and data sync capability

Flutter • Dart • SQLite • Offline-First

### N8N Auto-Attendance

2025

- Created an automation workflow for attendance tracking via WhatsApp using n8n, WAHA, and Apify web scraping

n8n • WAHA • WhatsApp API • Apify

### File Organizer

2024

- Developed an automatic file organization tool with web dashboard monitoring using Python and Flask

Python • Flask • HTML/CSS • Automation

## SKILLS & INTERESTS

- Frontend & Mobile:** Flutter/Dart, HTML/CSS, React/Next.js, Tailwind CSS
- Backend:** Python, REST API, TypeScript, Node.js/Express.js
- Database:** SQLite, Supabase, Firebase, PostgreSQL
- Automation & AI:** n8n, Apify/Web Scraping, TensorFlow Lite, NLP/ASR (Vosk)
- Tools:** VS Code, Git/GitHub, Linux (basic), Docker (basic)
- Language:** Bahasa Indonesia (Native), English (Intermediate)
- Interests:** Mobile Development, Workflow Automation, AI/ML, Clean Code