HEICAL CHANDRA SYAHPUTRA

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Jakarta, Indonesia

Final-year Informatics Engineering student with 2+ years of experience in mobile development across iOS (Swift), Android (Kotlin), and Flutter. Built 10+ mobile and web applications and deployed 3 apps to the App Store. Skilled in delivering cross-platform and native solutions using SwiftUI, Jetpack Compose, and Flutter, with strong attention to performance, usability, and clean architecture. Passionate about creating intuitive and scalable mobile experiences that align with user needs and business goals.

Experiences

Apple Developer Academy - **Tangerang Selatan**   Jan 2024 - Dec 2024
Junior IOS Developer

- Built 10+ iOS applications and games using SwiftUI and Apple frameworks (WidgetKit, HealthKit, CoreData).
- Published 3 apps — Skinalyze, Calorify, and satuRM — to the App Store, driven by user needs.
- Applied MVVM architecture and MDA frameworks for clean, scalable codebases following SOLID principles.
- Led one team as Project Manager, delivering the project successfully within deadlines

Independent AI Researcher - **Remote Globally**

- Published IEEE paper on Claim-Evidence Assessment Method for Indonesian Fake News Detection with Transformers and BERT architecture
- Built an Indonesian legal document chatbot powered by RAG, vector databases (FAISS, ChromaDB), Sentence Transformers, and LLaMA 3 70B, enabling intelligent retrieval and generation of legal information tailored to user queries.
- Engineered agentic AI systems capable of handling multiple tasks by integrating vector databases with Transformer-based models for personalized conversational experiences.

Bangkit Academy by Google, Tokopedia, Gojek, & Traveloka   Jul 2023 - Jan 2024
Junior Machine Learning Engineer

- Graduated top 50 in cohort with a 93.2/100 GPA.
- Final project: "Bloomy" — a Blue Economy application for ocean sustainability.
- Earned TensorFlow Developer, Google, and Coursera certifications.

PT. Nusa Tekno Global - **Jakarta Selatan**   Jul 2022 - Feb 2023
Fullstack web developer

- Developed and maintained HR systems: SIMPEG and BKPSDM for Purwakarta regency.
- Built backend with PostgreSQL and implemented complex SQL/ORM queries.
- Ensured system reliability and scalability for civil service management apps.

CodeGenius Freelance - **Jakarta**   Jun 2023 - Present
Freelance Web Developer

- Completed 7+ freelance projects for clients including SMEs and universities.
- Delivered scalable full-stack solutions using React.js, Laravel, Express.js, and Tailwind.
- Managed end-to-end deployment on cloud servers.

Education

Politeknik Negeri Jakarta ⊘   Jul 2021 - Jun 2026 (Expected)
Bachelor Informatics Engineering, 3.80/4.00

- Courses : Algorithms, OOP, Web Programming, Mobile Programming, Cloud Computing, Machine Learning
- Finalist Web development Competition in Udayana University
- Assist in the development of applications for the PILMAPRES competition

Certification

- **Apple Developer Academy Certificate** ⊘:
- **TensorFlow Developer Certificate By Google** ⊘ (2023):
- **DeepLearning.AI TensorFlow Developer** ⊘ (2023):
- **Finalist Web Development** ⊘ (2022):
- **Kominfo | Ready Set Code Backend (Python)** ⊘ (2022):
- **Mathematics for Machine Learning and Data Science** ⊘:
- **Machine Learning Developer** ⊘ (2023):