# HOKA CRISTIAN SON

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Fresh Telecommunication Engineering graduate and Founder of Code Mercenaries Software House with 2+ years hands-on experience in full-stack development. Delivered 10+ successful projects ranging from IoT monitoring systems to learning management platforms. Strong background in backend security, database design, and mobile development with proven ability to work in cross-functional teams.

## EDUCATION LEVEL

**Telkom University** - **Bandung, West Java**                                          Jul 2021 - Jul 2025

*Bachelor of Telecommunication Engineering, 3.40/4.00*

- Cloud and Software Engineering, Mobile Development (Android), Internet of Things
- Capstone Project: BeWise - ML-Powered Nutrition Analysis Application
- Created Android application with real-time barcode scanning and product recommendations

**Bangkit Academy 2024** ✅ - **Bandung**                                          Feb 2024 - Jun 2024

*Distinction Graduate of Bangkit Academy 2024*

- Distinction Graduate (Top 10%)
- Selected into Top 50 teams for Capstone Project
- Built "KidLink" - secure chat application for children safety

**Digistar Class 2024 - Bandung, West Java** ✅                                          Aug 2024 - Oct 2024

*Mentee Digistar 2024 Hacker - Backend*

- Intensive backend security and cybersecurity training
- Specialized in database security, authentication systems, and secure API development

## Freelance Work

**Office Inventory Management System** - **Remote**                                          Jul 2025

*Full Stack Developer*

- Developed complete inventory management system with QR code generation
- Implemented multi-stage approval workflow reducing manual processes by 70%
- Built role-based authentication system with JWT for 100+ users
- Tech Stack: Node.js, PostgreSQL, Prisma ORM

**SmartBin Monitoring System** - **Remote**                                          Jul 2025

*Android Developer*

- Created IoT-enabled waste monitoring Android app with real-time tracking
- Integrated Google Maps for geographical bin monitoring across 20+ locations
- Developed 3-category waste classification system with 95% accuracy
- Tech Stack: Android (Kotlin), Firebase, Google Maps API

**Learning Management System** - **Remote**                                          Jun 2025

*Full Stack Developer*

- Built comprehensive LMS supporting 3 user roles (Admin, Teacher, Student)
- Implemented assignment workflow handling 500+ submissions monthly
- Created automated notification system reducing late submissions by 60%
- Tech Stack: Node.js, PostgreSQL, Supabase

**Profile Matching (Decision Support System)** - **Remote**                                          Jun 2025 - Jul 2025

*Full Stack Developer*

- Developed intelligent candidate evaluation system using weighted criteria
- Built dynamic calculation engine for automated ranking
- Reduced HR screening time by 40% through automated scoring
- Tech Stack: Node.js, PostgreSQL, Express.js

**Ministry Management Pro**                                          May 2025 - Jun 2025

*Full Stack Developer*

- Created church activity management system with AI-powered validation
- Integrated WhatsApp notifications for real-time updates
- Implemented multi-stage approval workflow for 50+ ministry forms monthly

- Tech Stack: Node.js, PostgreSQL, OpenAI GPT-4, WhatsApp API

## Work Experiences

**Code Mercenaries Software House**                                    Jan 2025 - Present
*Founder & Lead Developer*

- Founded and scaled software house serving 10+ commercial clients with team of 3 developers
- Led cross-functional team (Backend, Frontend, Mobile) delivering end-to-end solutions
- Achieved 95% client satisfaction rate with on-time project delivery
- Specialized in enterprise solutions including inventory management, LMS, and IoT monitoring systems

**Cyber Physical System Laboratory**                                   Aug 2023 - May 2024
*Research Assistant*

- Supported IoT prototype development and testing for academic research projects
- Mentored 10+ junior students in IoT implementation and research methodology
- Key Projects: Vertical Garden Watering System (collaboration with SMA Negeri 1 Dayeuhkolot), PROBOX IoT RFID access control system

## Certification

- **Dev Certified for Android ( Dev.id)** ⊘ (2025)
- **Digistar Class  - Hacker Backend  (Telkom Indonesia)** ⊘ (2024)
- **Bangkit Academy - Mobile Development (Distinction)** ⊘ (2024)
- **Bangkit Academy -  Best 50 Product Track Capstone Project** ⊘ (2024)
- **Android Developer Expert (DICODING)** ⊘ (2024)
- **CCNA** ⊘ (2019)