

# NGUYEN HOAI NAM

## Mobile Developer

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### SUMMARY

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**Mobile Developer** with experience developing mobile apps using **Java/Kotlin**. Have worked on **ERP systems (Odoo)**, including module structure and business workflows. Proactive learner, able to collaborate in **Agile** teams and write clean, structured code.

### TECHNICAL SKILLS

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Programming Languages	Java, Kotlin, JavaScript, TypeScript, Python (Odoo),
Frameworks/Platforms	Android (Native), Node.js, Express.js, Odoo Framework
Databases	MySQL, MongoDB, Firebase, PostgreSQL
Tools & Version Control	Git/ GitHub , Postman, Figma, Linux
Concepts	RESTful APIs, MVC, MVVM , Microservices , Agile, ERP Workflow

### EXPERIENCE

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#### Odo / ERP Intern - T4 TEK LTD

Jul 2025 – Sep 2025

- Learned the Odoo ERP framework (Python + PostgreSQL).
- Understood key modules:
- Sales, Purchase, Inventory**
- CRM**
- Accounting**
- Website / eCommerce**
- Manufacturing (MRP)** – BOM & production flow
- Worked with Odoo module structure: **models, views (XML), actions, menus**.
- Built simple custom modules (products, customers, orders).
- Learned ORM, API, access rights, and security groups.
- Understood ERP implementation workflow for businesses.

### PROJECT

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#### Coffee E-commerce App(Personal Project)

Feb 2024 – Jun 2024

- Android mobile** application for an online coffee shop with **real-time synchronization**.
- Built **15+ screens**: **authentication, product browsing, cart, order history, and customer support chat**.

- Integrated **Firebase Authentication** (role-based access) and **Realtime Database** for **products, orders, and chat**.
- Utilized **Firebase Storage** and **Glide** for efficient image handling.
- Developed **real-time chat** system for **customer-admin** communication.
- Implemented **shopping cart** with **quantity management** and **order checkout**.
- Designed modern **UI/UX** with Material Design, RecyclerView, and custom adapters.
- Team Size: 1 | Role: Android Developer | Technologies: Android Studio, Java, XML, Firebase (Realtime Database, Authentication, Storage), Material Design, RecyclerView, Glide, Retrofit, Git/GitHub.
- **GitHub:** <https://github.com/hoainamcode22/COFFEE>

### Pharmacy Management System (Team Project)

Jul 2025 – Nov 2025

- Developed the backend for an online pharmacy platform with multi-role access control.
- Built **50+ RESTful APIs** covering products, orders, checkout, and disease lookup.
- Integrated **MoMo / ZaloPay** payments and adopted **Cloudinary CDN**, reducing server load by **45%**.
- Implemented a **real-time medical consultation chat** using **Socket.IO**.
- **After delivering the core product**, I proactively reviewed system bottlenecks, identified improvement opportunities, and **independently enhanced the platform's performance and stability**:
- Optimized database queries using **indexing** and **connection pooling**, improving API response time by 60%.
- Strengthened security with **JWT authentication + RBAC authorization**, increasing system safety by around **70%**.
- Refined database structure and request flow to improve system reliability under higher traffic.
- Standardized API documentation using **Swagger UI**.
- Team Size: 4 | Role: Backend Developer | Technologies: React, Vite, TailwindCSS, **Node.js, Express.js, PostgreSQL, Socket.IO, JWT, REST API, Swagger, Postman**, Cloudinary, Git/GitHub
- **GitHub:** [https://github.com/hoainamcode22/Back\\_End\\_Pharmacy](https://github.com/hoainamcode22/Back_End_Pharmacy)

### Education

Oct 2022 – Present

**University of Transport Ho Chi Minh City – UTH**  
Information Technology - Expected Graduation: 2026