

ANH NGUYEN

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MOBILE DEVELOPER

Senior Mobile Developer with 12 years of experience in native Android development in banking, payments, e-wallets, and advertising. Led the successful revamp of [Shahid-MBC](#) streaming platform, a premium service offering a wide range of content including original production, movies, TV channels, and sports events with over 100 million downloads. Specializes in optimizing app performance, memory usage, battery life, security, and testing, focusing on preventing memory leaks and ensuring robust, high-quality development.

- Application architecture • Compose UI • Material UI • Navigation • Dependency Injection • SOLID • System Design
- Efficiency Improvement • Object Oriented Programming (OOP) • Database Management • CI/CD • Security
- UI/UX Design • Code Version Control • Performance Optimization • Memory Profiler • Code Inspections

Languages: Dart, Kotlin, Java

Web: HTML, CSS, React, Bootstrap, NodeJs

Web Services: Rest API, API, GraphQL, JWT, CORS

Frameworks: Android, Flutter

Design Patterns: MVVM, MVI, MVC, MVP, Singleton, Builder, Repository, Dependency Injection, Observer, Factory, Adapter

Database: Realm, SQLite, Datastore, Hive

SDLC: Agile, Scrum, Kanban, Waterfall

Tools: Android Studio, Microsoft Visual Code, Postman, Jira, GitHub, Trello, Miro

Platforms: MacOS, Windows, AWS

PROFESSIONAL EXPERIENCE

CAREER NOTE: Completed on-campus studies and currently taking distance education courses to complete a **Master's Degree in Computer Science** (Available for full-time, W-2 employment).

CBTW APAC, HoChiMinh, Vietnam • 02/2020 – 07/2024

A trusted outsourcing company delivering exceptional quality and fostering strong motivation for all partners.

Senior Mobile Developer

Worked on Video Streaming, Management systems, Loyalty application, and Banking applications.

- Revamped a Java Android Video Streaming app by implementing modularization to eliminate thousands of lines of repetitive code; enhancing readability, and reusability, improved unit testing, and increased the app's performance by a 20% faster startup time.
- Led the development of a Flutter-based employee management tool; worked on improving performance, streamlining the application logic, accelerating development timelines, and reducing the MVP release time by two months.
- Implemented transfer and bill-sharing features for a banking app, developed using Flutter and Dart; successfully released the app to the store two months ahead of the expected timeline and achieved a 30% reduction in development costs and expenses.
- Built and maintained a loyalty application, utilizing Kotlin and Android Jetpack libraries; successfully released all features, including seamless integration with third-party payment systems.
- Developed an Employee Management tool for a startup company using Flutter; improved performance, streamlined application logic, and accelerated development timelines, reducing the MVP release time by two months. Focusing on enhancing coding, UI/UX, and suggesting additional features and technologies.

Technologies Used: Flutter, Dart, Android Jetpack/ Jetpack Compose, Java, Kotlin, GitLab, Jira, Material 3 UI, Figma.

VNG CORPORATION, HoChiMinh, Vietnam • 12/2012 – 01/2020

A unicorn startup in Vietnam specializing in digital content, online entertainment, social networking, and e-commerce.

Mobile Developer

Worked on Advertisement SDK, news application, and managed ads campaign application.

- Developed, maintained, and documented the integration of third-party advertisement SDKs into an in-house ads SDK using Java; optimized ad bidding processes, enhancing the efficiency of ad display timing and distribution across the platform.

- Performed testing and implemented new features before the official release of the new version of advertisement SDKs to other applications in the company used; helped reduce bugs and add stability before releases.
- Developed a mobile news application that brings key features from the web version to mobile; Used the app to test advertisement SDK functionalities and ensure successful implementation and testing of all features before release; successfully released to end-users and tested features.
- Built an application to help customers and partners manage ads campaigns: such as booking ads campaigns, changing information, and monitoring inventory; successfully released all features on time with limited resources to develop.

Technologies Used: *Android, Android Jetpack, Java, Kotlin, SourceTree, Bitbucket, Jira, GitHub.*

FREELANCE EXPERIENCE

DI DONG VIET TECHNOLOGY COMPANY LIMITED, HoChiMinh, Vietnam • 12/2021 – 12/2022

Di Dong Viet is a prominent mobile retail system.

Sr Mobile Engineer

Built Mobile Application to sale products, managed product's warranty, loyalty system.

- Collaborated with the design team to create and implement intuitive mockups, ensuring seamless UI/UX experience using Figma, significantly reducing development time.
- Worked closely with the backend team to design a robust and scalable data storage structure, utilizing Swagger for efficient API testing and validation before deployment.
- Teamed up with cross-functional stakeholders to develop key features, optimize app flow, and define strategic delivery plans, leveraging Trello to manage tasks and prioritize features for a rapid MVP release.
- Led the development, testing, and deployment of the app, successfully launching it on Google Play and the App Store one month before the planned deadline.

Technologies Used: *Android, Android Jetpack, Java, Kotlin, SourceTree, Bitbucket, Jira, GitHub.*

ACADEMIC PROJECTS

Maharishi International University (2024)

AI-Powered Travel Itinerary Planner: AI Travel Planner is an AI-powered travel planning application that creates personalized itineraries based on your destinations, dates, and preferences. Utilized Angular, Express TS, React JS, Node JS, MongoDB, Open AI (LLMs, Prompt, Token).

EDUCATION

Master of Science in Computer Science

(In progress via distance education; expected completion 12/2026)

Maharishi International University, Fairfield, Iowa

Key Courses: *Web Application Programing, Modern Web Applications, Web Application architecture, Algorithms*

Bachelor in Information Technology

University of Science, HoChiMinh, Vietnam (06/2012)