

# Dat Nguyen, Android Developer

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## LINKS

<https://datsama.com>, <https://github.com/nguyendat>, <https://twitter.com/nguyendat>

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## PROFILE

I'm an Android Developer who can build apps from the ground up. I've worked from large enterprise to SME and mostly at startups recently to build B2B, B2C solutions in the various domains so I am used to wearing many hats. I'm generally very interested in invest new tech.

- Full Android development stack: from device driver up to Application layer
- App Architect
- Java, Kotlin
- Deep dive into optimize performance, concurrency(Thread, Coroutines) and memory model in JVM
- Dive into KMM/KMP

### Others

- AWS, GCP
- Blockchain Solution Architect
- DevOps
- Software Architect
- Paradigm transition from OOP to Functional programming

### Interested in

- DevOps/IaC, AWS/GCP, Web3 (Blockchain/SmartContract)
- Back to technology foundation and deep dive under the hood
- Delivery secure software development in effective manner
- Migrate crypto into curen fiat system along with ISO20022 standard
- Invest in PCI-DSS and cryprography

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## EMPLOYMENT HISTORY

Jun 2019 — Dec 2021

**Android Developer , Zen8Labs**

Hanoi

### Android Developer

Develop solution for international hospital to help engage customer adopt medical information & top-class health care services

#### Highlights

- Delivery brand new Android app Clean Architect using Kotlin and Rx in 3 months with 99% crash free
- Build Knowable - Audio base training course using Kotlin, Rx with Firebase as BaaS

Sep 2016 — May 2019

**Android Developer , Planday**

Hanoi

### Android Developer

Planday is a SaaS service to help employee scheduling software. Develop and deliver new feature bi-weekly as Agile team which secure series C €35M

#### Highlights

- Contribute to raising Android rating on Play store from 4.0 to 4.4 by increase crash free to 99.8%, smooth UI animation, reduce network error on Loggly from 10% to less than 0.2%
- Working in agile team from planning, daily scrum to retrospective using Jira
- Migrate legacy codebase to new architect using MVVM, Kotlin by using Jenkin CI/CD to automate build & UI automation test to fast feedback loop, increase quality with confidence when refactoring legacy code
- Migrate GDPR compliance in peak time by tranform newly login system smoothly

Apr 2012 — Jul 2016

**Android Developer , Samsung R&D Vietnam**

Hanoi, Noida, Suwon,  
Gumi

- Bring-up Basic team to manage: contact, message, memo, clock app for all Samsung smartphone for SEA market (2012-2014)
- SW Project lead of Tab 3 model (IPad competitor)
- Develop mobile client for B2B solutions: Knox, Cloud, Hypervisor

Jun 2007 — Mar 2012

**Mobile Developer, FPT-Software**

Hanoi

- Develop & maintain Camera, Schedule application for Sanyo for North US market using native C and Brew Qualcomm
- Outsourcing software for Panasonic & NTT-DoCommo Android model

**Highlights**

- Maintain & fix issue on Sprint model using native C on Visual Studio
- Debugging & fix memory leak on native C mobile platform
- Working in team to build mobile app framework using native C from event loop, Adapter, UI component to deliver 2 native apps on Kyocera mobile
- Config Management for simulator on Redhat/Fedora: samba, nfs & networking simulation for development team
- Develop pre-installed Android application using eclipse & Java for Panasonic smartphone: Eluga, Lumix
- Hand-on iterator process from high level design to detail design, sematic, test to code by apply TDD using Rational Rose & Astah

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**EDUCATION**

Sep 2003 — Jun 2007

VNU - University of Engineering and Technology