Daniel Nguyen

Senior Mobile & Front end developer

- +84.973.999.747
- dxungngh@gmail.com
- Hanoi, Vietnam
- Github link: https://github.com/dxungngh/



ABOUT ME

Experienced and versatile **Senior Mobile Developer** with over 15 years of professional experience in mobile application development. Specialized in both cross-platform (React Native) and native (Java/Kotlin) technologies. Proven ability to deliver robust, high-performance, and secure mobile apps for diverse sectors including **banking**, **fintech**, **eCommerce**, and consumer products.

Strong experience working across a wide range of organizational environments — from large-scale enterprises like **Vietcombank** and **Viettel** to high-growth startups in the **US** (**StoryTree Inc**) and **Singapore** (**Tokenize Xchange**).

Successfully deployed apps serving users in **Vietnam, Singapore, Malaysia, and the United States**, with experience tailoring architecture and UX for regional markets.

Skilled in unit testing, CI/CD automation, and Agile methodologies. Passionate about building seamless mobile experiences with clean code and scalable architecture.

SKILLS

Mobile Development

React Native (6y), Android (Java - 8y), Kotlin (3y)

Frontend

ReactJS (2y), TypeScript, JavaScript

Backend

Java, NodeJS, PHP, Python

Technologies

Firebase, AWS, App Center, CodePush, RESTful APIs, WebSocket, OAuth2, 2FA, VNeID, KYC (Jumio, Onfido), Sentry

Testing

Unit tests, Integration tests

CI/CD

GitHub Actions, App Center

Work Processes

Agile (Scrum/Squad), Sprint Planning, Task Estimation, Retrospectives

Tools

Github, BitBucket, Gitlab, XCode, Android Studio, VSCode, Jira, ...

EDUCATION

2006 - 2010

COMPUTER SCIENCE

University of Engineering and Technology, Vietnam National University, HANOI

Grade: Good degree

HONORS & AWARDS

2006

Take part in the National Computer science contest among high school students.

2007

3rd Prize of ACM ICPC (The ICPC International Collegiate Programming Contest)

2010

Scientific research and published in international scientific journal - IEEE (Institute of Electrical and Electronics Engineers). Link: https://ieeexplore.ieee.org/document/5632158/authors#authors

WORK EXPERIENCE

VIETCOMBANK Digital Banking Center

July 2023 - Now

SENIOR MOBILE & FRONTEND DEVELOPER

About the company: Vietcombank is the largest publicly traded bank in Vietnam, spearheading digital banking initiatives for over 10 million customers.

https://www.vietcombank.com.vn

One of the frontend team leaders in a large-scale Agile digital transformation.

Team size: 2 PO, 20 Backend, 20 Frontend, 3 DevOps, 3 Designers, 9 QA, 3 Scrum Masters

Tech stack:

- React Native
- ReactJS
- · AWS S3
- VNeID
- VNPay SDK
- 2FA
- CodePush
- XSLT
- Sentry
- Universal link
- · CI/CD

Develop features and functionalities:

- Designed mobile/web architecture using SOLID principles and reusable components.
- · Developed secure user authentication with 2FA.
- Integrated identity verification with VNeID, national ID (CMND/CCCD) and OCR.
- Implemented VNPay SDK to capture and extract biometric facial vectors for authentication.
- Created XSLT-based PDF export engine from backend data.
- Built and maintained internal React Native Design System.
- Set up CI/CD pipelines and CodePush for rapid app updates.
- Wrote comprehensive unit tests for core business logic.

Collaboration and Others:

- Led 5 outsource frontend developers: task breakdown, code review, mentoring, quality control
- Worked in an Agile Squad model, attending daily stand-ups, sprint planning, grooming, and retrospectives.
- · Closely collaborated with PO, Backend, QA, and Design across multiple squads.
- · Monitored issues and handled incidents using Sentry.

SENIOR MOBILE DEVELOPER (REACT NATIVE + JAVA + KOTLIN)

About the company: Tokenize Xchange is a licensed Singapore-based cryptocurrency exchange supporting fiat-crypto trading and DeFi services.

https://tokenize.exchange

Team size: 1 PO, 4 Backend, 2 Mobile, 1 Designer, 1 QA

Tech stack:

- React native
- Android native (Kotlin + Java)
- Restful API
- Firebase
- · AWS S3
- CodePush (App Center)
- KYC (Onfido & Jumio)
- Submit app to Google play and Apple store
- Payment gateway
- WebSockets
- Universal link
- · CI/CD

Develop features and functionalities:

- Built two apps (React Native & Android Native) for Singapore and Malaysia markets. Developed core features: wallet management, trading, portfolio, deposit/withdraw (fiat & crypto).
 - Integrated KYC process via Jumio and Onfido for regulatory compliance.
 - Created real-time price charts using TradingView.
 - Implemented WebSocket connections for live market data and wallet balances.
 - Designed and supported dual-server architecture for each region with localized UI/UX.
 - Integrated Xfers, Checkout.com, GrabPay, Stripe and bank transfers.
 - Maintained CI/CD via App Center, automated build, beta distribution, and error monitoring.

Collaboration and Others:

- · Worked directly with Singapore CEO to analyze and implement key business features.
- Submitted and managed apps on Google Play and App Store.
- Reviewed teammate pull requests and resolved production bugs.

TOKENIZE EXCHANGE

June 2019 - Mar 2023

PRINCIPAL ANDROID DEVELOPER (JAVA)

About the company: StoryTree is a California-based startup that created SimplePrints, a leading mobile photo book printing app.

https://www.simpleprints.com

Team size: 1 PO, 3 Backend, 1 iOS, 1 Android, 1 QA

Tech stack:

- Android native (Java)
- Restful API
- Firebase
- AWS S3
- Facebook SDK
- Payment (Stripe)
- Submit app to Google play

Develop features and functionalities:

- Sole Android engineer for SimplePrints the #1 mobile photo book creation app in the
- Implemented multi-threaded image uploads to AWS S3, allowing concurrent photo editing during upload.
- Designed drag-and-drop image sorting, custom layout selection, real-time editing, and captioning.
- Integrated Stripe for secure payment processing.

Collaboration and Others:

- Wrote unit tests and handled QA as the only Android developer.
- · Communicated directly with US-based team and managed deployment to Google Play.
- · Optimized app performance and reduced crashes significantly.

SENIOR ANDROID + BACKEND DEVELOPER (J2EE)

About the company: Viettel is Vietnam's largest military-owned telecom and technology conglomerate, operating in 11+ countries.

https://viettel.com.vn

Develop features and functionalities:

- Developed Mocha OTT app (chat, voice call) using XMPP and VoIP.
- · Built scalable backend using Java (J2EE) and MySQL.

Collaboration and Others:

- Integrated backend with telecom infrastructure.
- Deployed and monitored large-scale user traffic systems.

WEB DEVERLOPER (PHP)

About the company: SmartOSC is a top-tier eCommerce development agency in Southeast Asia, building Magento and custom platforms for global clients.

https://www.smartosc.com

Develop features and functionalities:

- Built eCommerce platforms and custom CMS using PHP.
- Implemented frontend/backend logic and optimized system performance.

VIETTEL CORP

2012 - 2014

Smart OSC

2010 - 2012

PROJECTS ON STORE

- SimplePrints: https://play.google.com/store/apps/details?id=me.storytree.simpleprints
- Tokenize Exchange Android: https://play.google.com/store/apps/details?id=com.tokenize.exchange.tradingapp
- Tokenize Exchange iOS: https://apps.apple.com/us/app/tokenize-trading-app/id1495765876

© topcv.vn