\*\*Gui Wai Siong (Alex)\*\*

Technical Lead | Age: 36 (1989)

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Portfolio: https://xnmalex.github.io/

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## 🧠 Professional Summary

**Senior Mobile & Full Stack Developer | Android | MERN Stack | AI Enthusiast | 10+ Years Experience**

Experienced and versatile developer with over a decade of hands-on experience in Android mobile app development and full stack JavaScript (MERN) development. Adept at designing and deploying user-centric applications, with proven ability in integrating 3rd-party APIs, CI/CD pipelines, and AI-driven features. Recently worked on Android P2P features for OKX crypto exchange. Passionate about building scalable systems and currently exploring AI in automation and finance through hobby projects.

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## 📚 Technical Skills

**Languages & Frameworks:**

- Java (Android) – Android Studio, Eclipse, Android SDK

- TypeScript, JavaScript, HTML, CSS (Bootstrap, jQuery)

- React, React Native, Node.js, PHP, Python

**Mobile Development:**

- Android (Java/Kotlin)

- iOS (1–2 projects, Swift basics)

- React Native for cross-platform apps

**Full Stack Development:**

- MERN stack (MongoDB, Express.js, React.js, Node.js)

- RESTful API development & integration

**3rd-Party SDKs & APIs Integration:**

- Firebase SDK (Analytics, Cloud Messaging, Realtime DB)

- Facebook SDK, Google Maps API

- Crashlytics for crash reporting

- Push Notifications: JPush, Pushy, Firebase

- Quickblox SDK for chat features

- Common libraries: Volley, Picasso, UniversalImageLoader, Aviary

**DevOps & Tools:**

- Jenkins for CI/CD

- GitHub, Git, Mercurial

- Jira, Trello, Basecamp for project management

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## 📊 Work Experience

\*\*Senior Android Developer\*\*

\*OKX Crypto Exchange, Singapore | [Dates]\*

- Developed P2P trading module for Android platform.

- Worked closely with product and backend teams to integrate secure and efficient RESTful APIs.

- Maintained high-quality code standards and optimized app performance.

\*\*Freelance Developer\*\*

\*Various Clients | 2013 – Present\*

- Delivered mobile and full stack web applications across industries including e-commerce, education, and productivity.

- Provided end-to-end development including UI/UX, frontend/backend logic, and deployment.

- Strengthened communication and product management skills through direct client engagement.

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## 📊 Personal Projects (Hobby)

\*\*AI WhatsApp Chatbot\*\*

- Built an AI-powered chatbot using Python (Flask) and WhatsApp Cloud API.

- Integrated GPT for automated replies, designed for exploring conversational AI capabilities.

\*\*AI Trading Bot\*\*

- Developed a Python-based trading bot using Jupyter Notebook.

- Integrated basic ML strategies for trade simulation and analysis.

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## 🔹 Education

\*\*Master of Computer Science\*\* \*(in progress)\*

Georgia Institute of Technology (Georgia Tech), USA — \*Expected 2027\*

\*\*Bachelor of Software Engineering (Hons) in Multimedia\*\*

Limkokwing University of Creative Technology, Malaysia — \*CGPA: 3.84 | Graduated 2012\*

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