HAO V NGUYEN

SOFTWARE ENGINEER | MOBILE APPLICATIONS | AI WORKFLOWS

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Authorized to work in the U.S.; no sponsorship needed

PROFESSIONAL SUMMARY

Android-focused software engineer with 3+ years at JPMorgan Chase & Co., working on payments across Android, iOS, and Java backend services. Wrote Kotlin code for a payment Software Development Kit (SDK) that customers add to their own apps, and led development of an internal Artificial Intelligence (AI)-assisted delivery workflow.

PROFESSIONAL EXPERIENCE

JPMorgan Chase & Co. | Atlanta, Georgia | *January 2023 - Present*

- Owned the requirements, design, and Android development to bring Tap to Pay to Canada, released to production.
- Contributed Kotlin code to an Android payment SDK, built by a team of fewer than ten, that customers add to their own apps: transaction flows, payment-host connections, and card reader communication.
- Wrote payment code for both phone tap, using Near Field Communication (NFC), and external card readers, using chip and magnetic stripe.
- Led development of an internal AI-assisted workflow that takes work from a written specification through coding, code review, security review, and pull request; presented it with teammates to about 60 people, and later feedback pointed to faster delivery.
- Worked across the whole payment path: Java Spring Boot backend services first, then about six months of iOS payment features, before moving to Android as the main focus.

TECHNICAL SKILLS

Languages: Kotlin, Java, Swift
Android: Android SDK, Jetpack Compose, Coroutines, Flow, Hilt, Retrofit
Payments: Tap to Pay, NFC, transaction processing, payment-host integration, reader communication
Backend, build, and testing: Spring Boot, Gradle, Git, JUnit
AI-assisted development: Claude Code, OpenAI Codex, agent workflow design

EDUCATION

Georgia Institute of Technology | Atlanta, Georgia
Bachelor of Science in Computer Science, with Honor | December 2022