




<SUDHANSHU SIDDH>

</STAFF ANDROID ENGINEER>

 <https://www.linkedin.com/in/ssiddh/>

 sudhanshu.15@gmail.com

 812-369-8486

PROFESSIONAL EXPERIENCE

Staff Software Engineer

Nextdoor | 10/2024 - Present

- Led project to optimize Nextdoor Feed scroll performance, designed new architecture that improved scroll speed by 40%, reduced Time to Interactive by 20%, and enhanced code quality

Senior Software Engineer

Nextdoor | 05/2021 - 09/2024

- Spearheaded the development of features on Android app across diverse product surfaces, including Feed, Search, and Onboarding
- Pioneered the migration of Nextdoor's news feed and search to Jetpack Compose, resulting in a notable 4% surge in scroll depth and a subsequent boost in revenue
- Enhanced Nextdoor's Android platform and developer experience by introducing tools like Danger CI, detekt, and ktfmt
- Improved workflow efficiency by creating automation scripts for the hassle-free generation of new Android modules

Senior Android Engineer

Ridecell | 02/2019 - 04/2021

- Developed new features for Ridecell's white-labeled Carsharing Android app
- Code owner for Carsharing Android SDK which drove Ridecell's Android apps and also powered apps developed by Ridecell customers
- Integrated different third-party BLE hardware libraries into Carsharing SDK to perform various vehicle operations like lock, unlock, ignition start through the mobile apps

Mobile Application Developer

sunapsis, Indiana University | 09/2016 - 02/2019

- Lead the development of white-label cross-platform mobile applications using Flutter for Android & iOS, which are integrated with sunapsis software suite and will be used by more than 400,000 international students
- Published open-source conference apps for sunapsis Users Conference 2018. Android: <https://goo.gl/tdTEv6> iOS: <https://goo.gl/AP8Ypw>

IT Analyst-1 - Applications

Caterpillar India Pvt Ltd | 07/2013 - 06/2016

- Developed maps for Caterpillar's crucial EDI transactions on IBM Sterling Integrator

EDUCATION

Master of Science in Computer Science

Indiana University, Bloomington

08/2016 - 05/2019 | GPA: 3.86

Bachelor of Technology in Information Technology

SRM University, Chennai

08/2009 - 05/2013 | GPA: 3.71

SKILLS & PROFICIENCIES

- Android SDK, Kotlin, Jetpack Compose, Kotlin Coroutines, Java, Flutter, Dart
- Experimentation and A/B Testing, Data Analysis, SQL
- Design Patterns

PROJECTS

Homeshare

- Engineered an Android tablet application serving as a pivotal interface connecting older adults with researchers in the HomeShare research initiative
- Implemented push notification using Firebase Cloud Messaging to notify participants about new interviews and surveys posted by the researchers

Vue Embed Gist Plugin

- Published an open source VueJs plugin to embed GitHub Gist in VueJs applications on NPM, with average 50 downloads/month
- Npm: <http://goo.gl/HjKx2j>

Nativescript Open Source Contribution

<https://github.com/NativeScript/NativeScript/pull/5517>

PUBLICATIONS

Evaluation framework for selecting wearable activity monitors for research

Connelly K, Molchan H, Bidanta R, Siddh S, Lowens B, Caine K, Demiris G, Siek K, Reeder B.

06/25/2020

mHealth 2020

<http://mhealth.amegroups.com/article/view/45621>