Shubham Singh

Senior Software Engineer | Android App Developer | Kotlin Expert | Crafting Innovative Solutions for 8 Years @ Spireon

- ⊙ Bengaluru
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- ⮟ https://ishubhamsingh.dev

Education

Sambhram Institute of Technology, Bengaluru
C.S.E
2012-2016
B.E

S.K.P. Vidya Vihar, Bhagalpur
C.B.S.E
2010-2012
Intermediate(12th)

Adwaita Mission High School
C.B.S.E
2007-2010
High School (10th)

Saint Teresa's School, Bhagalpur
I.C.S.E
1998-2007
Primary School

Skills

Android Components

Kotlin, Java

MVVM

Dagger/Hilt

Jetpack Compose

Kotlin Coroutines and Flow

Room, SQLDelight

Retrofit, Ktor

Firebase

Seasoned Android App Developer with almost 8 years of hands-on experience specializing in Kotlin. As a Senior Software Engineer at Spireon, I drive innovation by crafting user-centric solutions that redefine app experiences. Passionate about leveraging cutting-edge technologies to create seamless, high-performance applications.

Current Employment

Spireon Inc   2021-Present
Senior Software Engineer   Bengaluru
⮟ https://www.spireon.com

- Led end-to-end app development, collaborating on requirements, planning, and design. Managed task estimation and breakdown in an agile framework.
- Conducted interviews, trained freshers, and provided KT to senior developers.
- Designed UI with Jetpack Compose, integrated data layer with Kotlin Flow, and optimized app for efficient state management. Created reusable UI components for multiple apps.
- Contributed to creating a payment app for PAX's Android POS Terminals using BroadPos SDK.
- Currently unifying business logic, data, and network layers for iOS and Android using Kotlin Multiplatform (KMM). Initiating an open-source Unsplash-based wallpaper app for tech webinars, exploring Compose Multiplatform.

Projects

Splashy
An Unsplash based wallpaper app built with Compose Multiplatform and KMM for Android and iOS.
⮟ https://github.com/ishubhamsingh/Splashy

LoJack
Stay safe with LoJack: Get real-time alerts and GPS tracking for your car right on your phone.
⮟ https://play.google.com/store/apps/details?id=com.spireon.kahu&hl=en&gl=US

GoldStar
GoldStar: Advanced GPS tracking with intuitive interface for easy collateral management, all at your fingertips.
⮟ https://play.google.com/store/apps/details?id=com.spireon.android.gsdealer

Periscope
FleetLocate Periscope: Fleet visibility on-the-go. Stay informed on driver and vehicle locations, speed, and unauthorized usage.
⮟ https://play.google.com/store/apps/details?id=com.spireon.fleet

Languages

English

Hindi

Certifications

Google India Challenge Scholarship
Udacity
February 2018

Past Experiences

Datamatics   2019-2021
Software Engineer   Bengaluru
🔗 https://www.datamatics.com

- Contributed to developing mobile apps at Spireon Inc, focusing on vehicle telemetry solutions.

- Utilized MVP, MVVM, and Clean Architecture, integrating Dagger, Koin, and Hilt for dependency injection.

- Implemented Kotlin coroutines and Retrofit, leveraging Jetpack libraries like Room and Data Store.

- Executed JUnit tests and integrated UI tests using Espresso, alongside Mockito and Mockk for object mocking.

- Engaged with Firebase features—Cloud Messaging, Remote Config, and Analytics. Integrated analytics and crash logging tools: New Relic, Mixpanel, and Datadog. Constructed data dashboards and alerts.

- Implemented CI using Bitrise and GitHub Actions, incorporating artifact generation, unit tests, and UI tests with report generation.

- Collaborated with UI/UX team using Zeplin and Figma. Ensured platform consistency by collaborating with the iOS team.

White Petals Technologies PVT. LTD.   2016-2019
Software Engineer   Bengaluru

- Led the development of a school management app suite using Kotlin, PHP, MySQL, and AWS for diverse clients.

- Engineered a location tracking app with Kotlin, PHP, MySQL, AWS, Gmaps API, and Firebase.

- Contributed to various web apps and PWAs.

AospExtended OS   2016-2021
Founder, Lead Developer
🔗 https://github.com/AospExtended

- Developed AospExtended's Download Center web app with React JS and Material-UI.

- Created OTA and Download Center REST API using Node.js and ExpressJS.

- Maintained core AOSP source with technologies like Make, Java, Shell script, XML, etc.

- Handled deployment and maintenance of workflow tools: Gerrit, Jenkins, GitHub.