

AMIT SRIVASTAVA

Staff Developer



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☐ Medium: <https://medium.com/@kkamit05> ☐ India ☐ GitHub: <https://github.com/kk-amit>

SUMMARY

- Over 13 years of experience in mobile application development. Specializes in designing and building high-quality Android applications.
- Experienced in team management, with a proven track record of working on an application that has over 5 million downloads and maintains a 99.6% crash-free user experience.
- Currently working on the Homesight project as an Individual Contributor. Focuses on Speech Recognition using Google Cloud Speech-to-Text in an Android AOSP project.
- Successfully integrated Dialogflow for natural language processing (NLP). Enables smart command execution based on speech-to-text intent recognition.
- Expertise in Kotlin, Core Java, and modern architectural patterns. Ensures scalable and maintainable solutions.
- Adheres to Agile methodologies and best design practices. Passionate about crafting intuitive, high-performance applications that enhance user experience.

EXPERIENCE

01/2021 - Present

India

Staff Developer

Arris India PVT LTD Vantiva Group (Commscope Home Network)

Company engaged in providing infrastructure solutions for communications networks

- Currently contributing to the Homesight project, I focus on implementing speech recognition with Google Cloud Speech-to-Text in an Android AOSP environment. I have seamlessly integrated Dialogflow for natural language processing (NLP), enabling intelligent command execution based on speech-to-text intent detection.
- Led the Surfboard Central Android application and responsible for end-to-end development of application and play store release
- Responsible for requirement understanding & discussion from System engineering team and demo to PLM team
- Responsible for design understanding and discussion with team, task assignment and track the development on daily basis
- Responsible for Android app release on Play store, Following multiple track concepts like Open, Close and Production track
- Filed and granted two patents, two more patents filed and in progress

09/2018 - 01/2021

India

Senior Consultant

Capgemini

Global leader in consulting, technology services and digital transformation

- Led the Surfboard manager Router based application with 4 team members
- Architected the app flow with MVVM, LiveData and ViewModel
- Worked on Android BLE framework for device communication and Android WIFI manager SDK for network communication
- Interaction with Product Managers & UX designers to translate product & business into elegant design
- Involved in Application database and architecture discussion and design
- Involved in Code quality improvement by Code review and better re-factoring
- Responsible for releasing the product on play store and monitoring performance

09/2016 - 09/2018

India

Staff Developer

Altimetrik

Senior Software Engineer

CouponDunia

02/2016 - 09/2016

India

Senior Software Engineer

GlobalLogic

11/2013 - 02/2016

India

Software Engineer

smartData Enterprises Inc

01/2011 - 11/2013

India

EDUCATION

08/2008 - 05/2011

Master of Computer Applications (MCA)

Dr. A.P.J. Abdul Kalam Technical University, Lucknow, Uttar Pradesh

STRENGTHS

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Technical Proficiency

Proficient in Kotlin and Core Java, with expertise in Jetpack Compose, third-party library integration, and web-service integration. Experienced in architectural patterns such as MVC, MVP, MVVM, and Clean Architecture.

KEY ACHIEVEMENTS

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Patent Achievements

Filed and granted two patents, with two more patents filed and in progress

Secure system and method for onboarding router
<https://patents.google.com/patent/US11611869B2/en?q=11611869>

Secure system and method for onboarding router Continued
<https://patents.google.com/patent/US11153748B2/en?q=11153748>

SKILLS

Agile	Android Studio	BLE	Code Review	Confluence	Core Java	Crucible	ECommerce	Git	GitHub	
Google Firebase	IoT	Java	JavaScript	Jetpack	JIRA	jQuery	JUnit	Kotlin	Livedata	MVC
MVVM	NetBeans	Phonegap	PHP	PLM	QMS	Scrum	SourceTree	SVN	Unit Testing	Xcode
Test Driven Development		Router	Wi-Fi	Apple iOS	Dialogflow	Speech-to-text		Google-Cloud	Open AI	
Jetpack Compose		AOSP	Room							

PROJECTS

HomeSight (<https://connected.vantiva.com/homesight-by-vantiva>)

📅 10/2024 - Present

📍 Bangalore, India

Currently working as an individual contributor on the Speech Assistant feature for the HomeSight AOSP project.

- Implemented and integrated speech recognition using Google Cloud Speech-to-Text.
- Implemented and integrated Google Dialogflow for NLP-based command execution.
- Designed the end-to-end solution for Speech Assistant.
- Presented a demo of the MVP to the PLM and stakeholder team.

Surfboard Central (<https://play.google.com/store/apps/details?id=com.arris.sbc>)

📅 01/2021 - 09/2024

📍 Bangalore, India

Led the Surfboard Central Android team, overseeing end-to-end design, demos, and Play Store releases.

- Built the Surfboard Central (SBC) Android app from scratch, achieving over 100,000+ downloads. Started from scratch and make the SBC for more than 100,000+ downloads.
- Enhanced the Arris Router and Gateway onboarding experience with the SBC mobile app, improving sales and expanding the customer base. Ease the Arris Router and Gateway on-boarding experiences with SBC mobile app and improved the sales and increased the customer base.

Sadhguru App (https://play.google.com/store/apps/details?id=com.ishafoundation.app&hl=en_IN)

📅 01/2017 - 09/2018

📍 Bangalore, India

Led the Sadhguru Mobile app (Both iOS and Android)

- Developed the Sadhguru Android app from scratch, achieving over 5 million+ downloads.
- Led the overall app design and facilitated seamless communication with the product team.
- Collaborated directly with the ISHA PO team, gathering requirements and translating them into a fully functional Android application.

