RAJNESH JANGID

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EDUCATION

Malaviya National Institute of technology   Jaipur, India
Computer Science B.Tech   July 2005 - May 2009
GPA: 7.5

EXPERIENCE

Hello English | Senior Tech Lead   Jaipur | Aug 2015 - Present
- Led a team in end-to-end Android application development, ensuring adherence to project timelines and stringent quality standards.
- Contributed significantly to unit testing, UI testing, and integration testing, utilizing Espresso and Mock/Mockito.
- Applied Agile and Scrum methodologies to the software development life cycle.
- Implemented CI/CD practices for continuous integration and delivery.
- Familiarity with Android security protocols, including SSL/TLS, for ensuring secure data transmission and user privacy.
- Integrated Google Cloud Platform services, including Firestore, Realtime Database, Storage, and BigQuery, to enhance app functionality and optimize data management in Android applications.
- Spearheaded the development of complex UI features, guaranteeing seamless user experiences across diverse Android versions and device configurations.
- In Android, using Coroutines simplifies handling multiple tasks simultaneously, making the app more responsive and efficient.
- Successfully delivered the Hello Learner platform for English learning live classes, resulting in a substantial increase in user engagement and customer satisfaction.
- Contributed to multiple Android native apps, focusing on performance optimization and code quality.
- Orchestrated seamless payment integration and flow within the applications, streamlining and securing payment processes such as Razorpay, Paytm, PayU, Google pay and Stripe.
- Integrated third-party SDKs to enhance app functionality and elevate user experience.
- Implemented video streaming and audio streaming features, ensuring high-quality media delivery and optimal user engagement.
- Leveraged Google Firestore and Google Cloud Functions for microservices, enabling efficient data storage, retrieval, and serverless architecture.
- Designed and implemented captivating live class experiences, fostering an immersive learning environment.
- Led the seamless integration of Zoom Sdk for live classes.
- Integrated google ads, facebook ads and native ads in Android application.
- Twilio integrated for voice calls in android application.
- Conducted efficient backend api calls by utilising both retrofit and volley framework in Android applications.
- Developed and implemented a real-time chat feature within Hello English B2C app and live class app.
- Proficient in HTTP/HTTPS and other essential networking protocols. Solid understanding of asynchronous communication.

Samsung India Electronics Pvt. Ltd. | Lead Engineer   Noida | Oct 2010 - July 2015
- Samsung native clock module to access alarm, world clock, timer and stop watch Services and also implementing same module for wearable devices (smart watch).
- Implementing various UI feature for different android version and different device configuration (Application Framework using java).
- On framework level we provide Interface to the application. Framework is responsible for the look and feel of the phone.

Aricent technologies (holdings) limited | Software Engineer   Gurugram | March 2010 - Sept 2010
- Gained valuable experience and knowledge in software development during the training program.

Programming Languages:	Kotlin, Core Java, Dart Programming, NodeJs, JavaScript, TypeScript, C, C++, Data Structure
Libraries/Frameworks:	Google Cloud Platform, Google Firebase, Jetpack Compose, MVVM (Model-View-ViewModel), Scrum
Tools / Platforms:	Google Cloud Platform Services, Google Firebase Services, Visual Studio, Android Studio, Jira, Github actions, Unit Testing, Integration Testing, Espresso, Mock/Mockito
Databases:	Room DB, Realm

PROJECTS / OPEN-SOURCE

Hello English: Learn English   *Android, Java, Kotlin, Jetpack Compose, MVVM, Retrofit, RoomDB, Firebase, Google Ads*
- Contributed to the development of the Hello English app for learning spoken English and grammar.
- Features include interactive lessons, games, discussions with teachers, practice using daily news, conversation and speaking practice games, a 10,000-word dictionary, and more.
- Worked on Android native app development, covering payment, video streaming, audio streaming, API calls, location services, Google ads, Facebook ads, Native ads, Firebase authentication, practice games, and multiplayer games.
- Homework Feature Enhancement in Live Class Module.
- Designed an intuitive interface for students to access and download homework assignments directly within the app.
- Ensured compatibility across various devices, Android versions, and configurations for a seamless user experience.
- Implemented a secure and user-friendly mechanism for students to upload completed homework assignments.
- Utilized secure protocols to protect sensitive student data during the upload process.
- Integrated feedback mechanisms to notify students upon successful submission.
- Collaborated with backend developers to integrate the homework feature into the server infrastructure.
- Implemented secure API endpoints for data transfer and storage, adhering to industry standards and privacy regulations.

Hello Learner Live   *Android, Java, Kotlin, Jetpack Compose, MVVM, Retrofit, RoomDB, Firebase*
- Involved in the development of live video classes with experts for practicing spoken English.
- Worked on the live class experience on the app side, including chat, video, audio, synchronized with teacher screens.
- Zoom custom sdk integration for better user engagement.

Hello English Kids   *Android, Java, Kotlin, Jetpack Compose, MVVM, Retrofit, RoomDB, Firebase*
- Focused on building spoken English skills for kids, including speaking, writing, alphabet, ABC games.
- Responsibilities included handling payment, video streaming, and other UI components.

Samsung (Mobile Technology)   *Android, Java, Volley, C, C++*
- Worked in the Framework Team of Man Machine Platform (MMP), focusing on Mobile Technology written in Java.
- Contributed to mobile phone projects for Europe, South East Asia, and South West Asia Regions.
- Android Mobile Development, including projects for Champ Duos, Chat32, Champ Star, Rex series, Rugby AT&T, etc.
- Developed the Samsung native clock module to access alarm, world clock, timer, and stopwatch services. - Implemented the same module for wearable devices (smartwatches).
- Supported more than 5 projects during a business trip to Korea.
- Successfully completed work, leading to recognition from Manager and Project Leads.