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| sri harsha Chilakapati  Bengaluru, India · +91 9494607964  [sriharshachilakapati@gmail.com](mailto:sriharshachilakapati@gmail.com) · [goharsha.com](https://goharsha.com) · [github.com/sriharshachilakapati](https://github.com/sriharshachilakapati/) |
| An avid developer who is passionate about creating applications for platforms of interest such as Android, Web, Desktop and iOS. Specialized in real-time, high-performance applications. Continuously exploring new technologies. |

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| Experience10th FEBRUARY 2022 – 5th SEPTEMBER 2023Software Development engineer II APNATIME TECH  * *Architected and launched Apna Jobs 2.0:* Introduced MVVM + Clean Architecture for key app sections (Job Feed, Job Search, Job Details), resulting in a remarkable 46% increase in user retention. * *Revamped Pan India Job Liquidity Strategy:* Engineered a feature enabling cross-city job applications, raising screened leads by 4%. * *Optimized App Performance:* Reduced overdraw from 11x to 3x and achieved frame times of just 14ms per frame, resulting in smoother and more responsive user interface. * *Enhanced App Security:* Identified and mitigated a critical security vulnerability exposing CleverTap campaigns to malicious actors using a custom obfuscator and contributed back to [CleverTap SDK](https://github.com/CleverTap/clevertap-android-sdk/pull/269). * *Elevated the App UI rendering:* Implemented custom RecyclerView ItemDecorations for Figma-perfect shadow rendering in job cards, and background rendering using Finite State Machines.  1st October 2019 – 10th FEBRUARY 2022Software Development engineer JUSPAY  * *Optimized Gradle Build Pipeline:* Achieved 89% reduction in build time from 2 minutes to 13 seconds by introducing caching. * *Revolutionized Hyper SDK Architecture:* Spearheaded the creation of a cutting-edge SDK architecture for Hyper SDK 2.0 called SVU (State, View, Update) which is based on ELM architecture. * *Automated Merchant-Specific Flavours:* Engineered and developed two Gradle plugins to automate code and asset generation for merchants, resulting in reduction of merchant-specific flavours. * *Created Unique Development Tools:* Pioneered the development of a Google Chrome DevTools plugin called as PrestoDebug, facilitating the debugging of native Android views over the air.  1st june 2018 – 30th September 2019Associate Software Development engineer JUSPAY  * *Enhanced Payment Pages:* Developed Payment Pages (Android and iOS) for Ola Money, Cred, Big Basked, Foodpanda and Bounce. * *Designed VIES Merchant Demo App:* Successfully created the VIES Merchant Demo App for Android. * *Collaborated on Mystique Android Module:* Actively participated in the development of Mystique, a React Native like framework. * *Contributed to BHIM UPI App:* Developed two screens (Settings & User Profile) in the BHIM UPI App. | Projects  * [FakeCaller *(Android, Kotlin)* A POC app to demonstrate working of TrueCaller](https://github.com/sriharshachilakapati/FakeCaller) * [SilenceEngine *(Cross Platform, Java)* Game Engine for Desktop, HTML5 and Android](https://github.com/sriharshachilakapati/SilenceEngine) * [WebGL4J *(Web, Java)* WebGL bindings for Java language using GWT](https://github.com/sriharshachilakapati/WebGL4J) * [GWT-AL *(Web, Java)* An OpenAL implementation on Web Audio API](https://github.com/sriharshachilakapati/GWT-AL) * [YT Private Subscriptions *(iOS, Swift)* iOS App that allows to subscribe to YT channels without logging in](https://github.com/sriharshachilakapati/yt-private-subscriptions-udacity-ios-nanodegree) * [EasyJSON *(Cross Platform, Java)* Easy to use small (11 KB) JSON library for Java](https://github.com/sriharshachilakapati/EasyJSON) * [EasyXML *(Cross Platform, Java)* Easy to use small (13 KB) XML library for Java](https://github.com/sriharshachilakapati/EasyXML)  SkillsProficient in Java, Kotlin, JavaScript, Swift, PureScript, Android Development, iOS Development Familiar with C, C++, C# and 24 other Programming Languages Can Communicate in Telugu, English, Hindi, Kannada, Tamil EducationNOV 2021[SYSTEMS EXPERT](https://certificate.algoexpert.io/SystemsExpert%20Certificate%20SE-df901726fe), ALGOEXPERT.IOMay 2021[iOS Developer Nanodegree](https://graduation.udacity.com/confirm/Y6KTDWC9), UDACITYFeb 2021[Android Kotlin Developer Nanodegree](https://graduation.udacity.com/confirm/GKADJRF9), UDACITY |