

SRI HARSHA CHILAKAPATI

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An avid developer passionate about creating applications for platforms of interest such as Android, Web, Desktop & iOS. Specialized in real-time, high-performance applications. Continuously exploring new technologies. *Knows answer to the question "What is I?"*

EXPERIENCE

10TH FEBRUARY 2022 – 5TH SEPTEMBER 2023

SOFTWARE 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.
- 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 2022

SOFTWARE 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 2019

ASSOCIATE SOFTWARE DEVELOPMENT ENGINEER

JUSPAY

- Enhanced Payment Pages: Developed Payment Pages (Android and iOS) for Ola Money, Cred, Big Basket, 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
- SilenceEngine (Cross Platform, Java)
Game Engine for Desktop, HTML5 and Android
- WebGL4J (Web, Java)
WebGL bindings for Java language using GWT
- GWT-AL (Web, Java)
An OpenAL implementation on Web Audio API
- YT Private Subscriptions (iOS, Swift)
iOS App that allows to subscribe to YT channels without logging in
- EasyJSON (Cross Platform, Java)
Easy to use small (11 KB) JSON library for Java
- EasyXML (Cross Platform, Java)
Easy to use small (13 KB) XML library for Java

SKILLS

PROFICIENT 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

EDUCATION

NOV 2021

SYSTEMS EXPERT, ALGOEXPERT.IO

MAY 2021

IOS DEVELOPER NANODEGREE, UDACITY

FEB 2021

**ANDROID KOTLIN DEVELOPER
NANODEGREE, UDACITY**