

## EDUCATION

<b>Indian Institute of Technology, Gandhinagar (IIT GN)</b> <i>Bachelor of Technology, ChE</i>	Aug 2017 – May 2021 Gujarat, India
<b>Kendriya Vidyalaya No.1, Armapur, Kanpur</b> <i>High School &amp; Intermediate</i>	April 2014 – May 2016 Uttar Pradesh, India

## WORK EXPERIENCE

<b>Senior Android developer</b> <i>Singularity Games</i>	July 2024 – Present Gurugram(WFH), India
<ul style="list-style-type: none"><li>Architected Android product modernization by migrating legacy systems to <b>MVVM</b> and <b>Jetpack Compose</b>, eliminating 18K+ lines of boilerplate code and reducing feature development time by 50% through reusable UI components.</li><li>Pioneered <b>Unity SDK integration</b> for in-app gaming, achieving seamless cross-platform performance with <b>&lt;100ms latency</b> and enabling 5+ game modules to launch within the Android app ecosystem.</li><li>Lead a team of interns in adopting modern Android practices; achieved <b>99.9% crash-free sessions</b> and optimized UI rendering to <b>&lt;16ms/frame</b> across 30+ Compose-driven screens.</li></ul>	
<b>Software Development Engineer</b> <i>Nosh Robotics</i>	May 2023 – June 2024 Bengaluru, India
<ul style="list-style-type: none"><li>Architecture &amp; UI Modernization: Engineered <b>MVVM/MVP architecture</b> and leveraged <b>Jetpack Compose</b> to streamline UI development, accelerating feature integration and ensuring scalable app design.</li><li>IoT &amp; Network Optimization: Integrated <b>MQTT (IoT)</b> and <b>HTTP/HTTPS (REST APIs)</b> protocols, and deployed <b>XMODEM</b> for firmware file transfers, achieving <b>99%+ faster sync speeds</b> (20 mins → seconds upload, 5 mins → 30 secs download).</li><li>System Efficiency: Developed background workers for data/log sync and abstracted firmware/hardware domains via USB, <b>boosting debugging capabilities</b> and ensuring reliable IoT device communication.</li></ul>	
<b>SDE (Android)</b> <i>Wise App</i>	Nov 2021 – May 2023 Bengaluru, India
<ul style="list-style-type: none"><li>Spearheaded adoption of <b>Jetpack Compose</b> (Android's declarative UI) to develop robust, reusable components and unified theming, <b>reducing UI bugs and development time by 50%</b> while ensuring consistency.</li><li>Built <b>Zoom SDK abstraction layer</b> and automated white-label app pipeline, <b>eliminating 10K+ duplicate lines</b> and enabling <b>100+ client-specific Production Apps</b> on Play Store with minimal code integration.</li><li>Overhauled audio/video playback and resolved memory bottlenecks, <b>improving UX on low-end devices</b> and ensuring smooth performance across hardware.</li></ul>	
<b>Project Associate</b> <i>OYO Headstart Summer Internship Program</i>	May 2020 – July 2020 Bengaluru(WFH), India
<ul style="list-style-type: none"><li><b>Engaged in a remote internship</b> as a Project Associate, tasked with two major workflow automation projects aimed at <b>streamlining processes</b>.</li><li>Utilized <b>Google Apps Script</b> to develop essential driver code, enabling automated data aggregation from diverse sources to <b>enhance operational efficiency</b>.</li></ul>	

## SELECTED PROJECTS

<b>Flip AI Launcher</b>   Kotlin, Android, Jetpack Compose	Feb 2024 – Present
<ul style="list-style-type: none"><li>Engineered android application launcher, chat with all popular LLMs just with single swipe.</li></ul>	
<b>Binary Radar Watchface</b>   Kotlin, WearOS, Android	Nov 2023 – Feb 2024
<ul style="list-style-type: none"><li>Developed the 'Binary Radar' watch face for Android Wear devices, showcasing a distinctive binary time representation using Kotlin.</li></ul>	

## TECHNICAL SKILLS

**Programming Languages:** Kotlin, Java, Go, Python, JavaScript, HTML/CSS, C/C++, SQL  
**Frameworks:** Android SDK, Android architecture, Android Services and Broadcast Receiver  
**Libraries:** Kotlin Coroutines and Flows, Android Jetpack libraries, Jetpack compose  
**Developer Tools:** Android Studio, Git, Docker, Neovim, Notion, Jira, Figma