Monu Kumar

✉ monuk7735@gmail.com   🔗 linkedin.com/monuk7735   🐙 github.com/monuk7735

Education

National Institute of Technology, Hamirpur   June 2023
Bachelor of Technology in Computer Science & Engineering (CGPA: 8.6 / 10.0)   *Hamirpur, Himachal Pradesh*

Experience

Muse Wearables   Jul 2022 – Present
iOS Developer   *Bangalore, Karnataka*

- Led the development and maintenance of multiple in-house applications, ensuring consistent stability and continuous, targeted improvements.
- Enhanced UI aesthetics and improved app performance, significantly boosting user satisfaction and earning positive feedback from a global audience.
- Served as the lead developer for MuseWallet, a payment integration project for Muse Ring, utilizing Secure Element for data encryption.
- Directed the development of MuseWarehouse, a specialized internal application for effectively managing orders, warehouse stock, and employee quotas.

Muse Wearables   Jan 2022 – Jun 2022
Software Developer Intern   *Bangalore, Karnataka*

- Developed and maintained companion apps for MuseWatch & GTag, focusing on advanced UI and BLE.
- Implemented modern UI designs to ensure a seamless and visually appealing user experience.
- Collaborated with the Android team to improve UI/UX, enhancing app usability and overall user satisfaction.
- Contributed to developing an internationally appreciated UI experience.

Projects

RoundRaven | *NextJS, Firebase, MongoDB, Postfix*   **Web**

- Developed a scalable SaaS platform for email delivery, handling the entire lifecycle from concept to deployment.
- Integrated real-time analytics, custom SPF and DMARC checks, robust security protocols, and optimized email delivery to improve user experience and deliverability.
- Designed a comprehensive go-to-market plan, including beta testing and digital marketing, to drive user acquisition and engagement.

Nope Remote | *Kotlin, JetPack Compose, Flask, MongoDB*   **GitHub**

- Created an Android infrared remote control app using Jetpack Compose, featuring customizable remote button layouts for a personalized user experience.
- Implemented custom flows for transmitting infrared control codes, allowing seamless control of multiple devices.
- Designed with Material You themes and structured with MVVM architecture, using Dagger for efficient dependency injection.
- Integrated IRDB (Infrared Database) codes from globalcache.com, automating code collection with Python and smtplib for extensive device compatibility.

NITH APP | *Kotlin, Java, Python, Firebase, Retrofit, Selenium*   **Play Store**

- Built an app exclusively for students to access schedules, attendance, announcements, and results, with over 4,000 daily active users.
- Developed a Flask-based backend with MongoDB, integrated with Firebase for secure authentication and real-time notifications, achieving high user satisfaction.
- Automated data updates with BeautifulSoup for web scraping from official sites, cutting manual updates by 50% and delivering timely information with 99% accuracy.

Technical Skills

Languages: Swift, Kotlin, Python, TypeScript
Technologies: iOS SDK, SwiftUI, Android SDK, JetPack Compose, NextJS, Flask
Concepts: API, Security, Database Management, Agile Methodology