

# Varun Vaibhav Jha

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## Summary

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Accomplished Mobile and Full Stack Developer (Native Android, Flutter and Native iOS) adept in system design, app development and backend API development. Proven track record in delivering impactful business solutions, fostering code quality, and enhancing user experiences. Exceptionally skilled in navigating technical challenges to drive business growth and customer satisfaction.

## Experience

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### Spense | Karnataka, Bengaluru

#### Associate Software Engineer | 09/2022 - Present

- Developed and deployed **multi-tenanted** SDKs (Android, Flutter and iOS) with **role-based access control** for 10+ tenants bringing integration times down to 30 minutes, including Banking Modules such as FD, Secured Cards, etc.
- Engineered an end-to-end in-house **Events Tracking Infrastructure**, reducing cost by about 80%, generating key user insights through thorough data analysis.
- Created scalable **Push Notification Infrastructure** as a service, increasing user engagement by 25%.
- As a **Founding Engineer**, built the Spense consumer-facing **Android** application from the scratch. This pivotal role contributed to acquiring over 10,000 active users within the first quarter of launch.

### HighRadius | Odisha, Bhubaneswar

#### RPA Intern | 08/2021 - 06/2022

- Interning in **Automation Department**, successfully resolved over 80 tickets throughout the course of the internship.
- Helped develop **Claim** and **Email Agents** via **Selenium** and **Java**, cutting manual data extraction by 50%.
- Gained experience in **data scraping** and **database management**, processing over 10,000 records daily.

## Projects

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### MedConnect (Android: Kotlin, Coroutines, LiveData, ViewModel, Data Binding, MVVM, RoomDB)

- Built MedConnect, a **Healthcare Appointment Booking** app in Android
- Implemented **user authentication** with unique patient and doctor IDs, ensuring privacy and data integrity.
- Enabled patients to seamlessly **browse and book appointments**, prioritizing offline functionality using local databases.
- Doctors were able to login and view **upcoming appointments** and details.

### Airbnb iOS Clone (iOS, Swift, SwiftUI, MapKit, Firebase)

- An iOS App mirroring **Airbnb's** functionalities and subtle animations.
- Developed the **seamless UX** similar to Airbnb and implemented **location search**, **authentication** and **booking** features.

### AI-Enabled Fintech B2B Invoice Management Application (Javascript, HTML, CSS, ML, Java, SQL)

- Engineered an **ML model** in Python for predicting payment dates of invoices, using scikit-learn and other libraries.
- Full-stack **Invoice Management Application**, integrating **real-time payment date prediction** feature through the ML model.
- Implemented **CRUD** functionalities for invoices, allowing users to manage invoice data.

## Skills

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Javascript, JAVA, Android, Node.js, Flutter, Kotlin, iOS, Swift, SwiftUI, Dart, MySQL, Git, Firebase, Svelte, Tailwind-CSS

## Education

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### SRM Institute Of Science & Technology | Chennai, Tamil Nadu

#### Bachelors in Computer Science and Engineering (B. Tech) | 05/2022

- Received the Merit Scholarship
- Graduated with a CGPA of 9.45