

# Rahul Jha

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## About Me

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I'm a fast-paced software engineer who is adaptable to new technologies and has a knack for rapid learning. In my history of development, I've seamlessly transitioned between various tech stacks, including iOS, Android, frontend, and backend, with just a few days of code walkthrough. I'm seeking a challenging role where I can explore multiple domains fully and leverage my skillset to scale them further.

## Experience

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### 1. Johnson Health Tech North America

03/2024 - Present

#### • Software Development Engineer II [JHMS] [03/2024 - present]

- **Roles and Responsibilities:** Fixing bugs and implementing new features along with R&D about technologies that can be helpful in making and meeting the end-result as per the requirements shared. Removing deprecated code and getting the application working with the new APIs by analyzing and understanding the backdrop that can potentially happen with the newly introduced APIs. Documenting the problem and solutions in a standard way which makes it more readable.
- **Development:** Working on Matrix, Horizon, Vision, and Onyx consoles which highly deals with low level architecture, any new implementation requires several weeks of QA testing because at the end of the day all the consoles are live and active at multiple locations in the globe. I mostly indulge in developing and matching the requirement shared by the stakeholders and taking ownership and responsibility.
- **Risk Management:** Each development or bug fix goes through rigorous DQA testing. Any failure or missing edge-cases can bring a huge amount of loss to the business, and in order to avoid such incidents I have to be mindful while writing code and test-cases via which any bug fix or new implementation can be initially tested locally post which it goes to DQA where they do their level of sanity testing.
- **TechStack:** Android, Kotlin, Jetpack Compose, Java, React.js, React-Native, Next.js, Javascript, Room DB, Realm DB, Retrofit, Git, Firebase, Typescript, Swift, Python, FastAPI, SwiftUI, XCode, Golang, Gin, GORM, MongoDB

### 2. Pegasus Infocorp

04/2023 - 03/2024

#### • Sr. Software Engineer [04/2023 - present]

- **Client [AGS - Transact]:** AGS Transact is a payment solution platform which deals in ATM, POS [Point of Sale] Machine applications, Frontend [MERN] web apps. It works directly with NPCI and my job is directly concerned with India's leading organisations such as Indian Oil, Bharat Petroleum, BMRCL, NCMC [National Common Mobility Card] and many more on the development pipeline.
- **Development:** Currently developing in Android [Kotlin/Java] with XML/Jetpack Compose and Frontend [React.js] for AGS major Clientele. Taking ownership of the

project and matching stakeholder's deadline.

- **Risk Management:** Every new development related to new clientele needs to be first certified by the NPCI [National Payments Corporation of India] which requires another build that covers multiple test cases. Major clientele such as Indian Oil, Bharat Petroleum have deadline and launch dates, and if delays reported from development side then it comes with millions of money in fine. I'm the one who needs to make certification app and meet the deadlines.
- **TechStack:** React.js, React-Native, Next.js, Javascript, Room DB, Realm DB, Retrofit, TCP request and response mode, Git, Firebase, Typescript, Kotlin, Swift, Python, FastAPI, SwiftUI, Android Studio, XCode, Golang, Gin, GORM, MongoDB

### 3. Edvora

11/2019 - 04/2023

#### • Principal Engineer [07/2022 - 04/2023]

- **Cross-Platform Development:** Developing modules in Frontend [React.js], Android [Kotlin], and iOS [Swift] along with fixing pre-existing bugs. Making sure to cover all the edge-cases while developing and deploying application which was targeted for either minimal or no bug.
- **Modules Developed:** Classrooms, Timeline [Event creation and Management], Video Conferencing with real-time messaging capabilities using Socket.io, and Attendance system.
- **PR Reviews:** Ensuring that the code is well written and documented by the frontend, Android, and iOS team and is highly scalable and robust at the same time
- **Scrum:** Planned sprints based on the requirements and followed by a daily standup to ensure team is working and bringing output based on project's requirements, followed agile methodology to enforce stakeholder communication and review on the progress, detected blockers and resolved, faced multiple conflict during development between frontend, backend, and QA team and found a resolution to withdraw any future conflicts.

#### • Lead Android Engineer [06/2021 - 07/2022]

- **Lead the Android Division:** Managed a team of android engineers by overseeing their work, ensuring they have necessary resource, and provided guidance and mentorship. Planning weekly task and promoting challenges to each and every member to enhance their knowledge. PR reviews to encourage them in writing better code that is readable and robust as well.
- **Designing and Developing Android Application:** Understanding the requirements as per the UI submissions and modelling those in React-Native using stylesheet and handling features which requires native touch by coding it out in Kotlin. Maintaining business logic and creating a workflow for the team to follow, written documentations to ensure that team has gone through it and understood the requirements.

- **Cross-team collaboration:** Working closely with other divisions such as Frontend [React.js], iOS [React-Native / Swift], QA, and UI to ensure that the Android Application is aligned with the project goal and meets the required quality
- **Software Engineer [11/2019 - 06/2021]**
  - **Development:** Developing modules based on the requirements shared by the tech lead, never missed a deadline, given most realistic deadline with satisfactory result. Most of the development were done in React-Native and Kotlin
  - **Task Discussion with Tech Lead:** Connected over with task assigner, QA lead, Frontend lead, Backend lead to clearly understand the flow and proceed with design and development.
  - **TechStack:** React.js, React-Native, Next.js, Javascript, Room DB, Realm DB, Retrofit, Git, Firebase, Typescript, Kotlin, Swift, Python, FastAPI, SwiftUI, Android Studio, XCode, Golang, Gin, GORM, MongoDB

#### 4. **Softo-Corp**

06/2019 - 04/2023

- **Software Engineer - Founder [06/2019 - 04/2023]**
  - **Development:** Started Softo-corp as a Software solutions which provided engineers based on the client's requirements, have personally work over multiple project with client ranging from coaching centres to restaurant owners.
  - **TechStack:** React.js, Javascript, Kotlin, Swift, Python, FastAPI, Mongoddb, Firebase, Room DB

### Education

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**University of Mumbai**

India

Bachelor of Engineering | Computer Science & Engineering | GPA-8.35

Aug'18 - May'22

### Publication

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**OBJECTORATOR** - An Application which make use of Real-time Facial Detection using Google AI/ML SDK, Arms Detection tf-lite model, and last but not the least is a height detection technique that use some calculation based on camera adjustment to returns object height

### Projects

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**Prescripto Sender V2:** "Prescripto Sender V2" is an Android application developed to cater to pharmacy stores. The app allows pharmacy store owners to create a local store on the platform, enabling nearby users to send their prescription on for verification. Once verified, the store can then send the medicine to the user via a delivery guy, who is owned by the store itself. This app

streamlines the process of prescription verification and medicine delivery, making it more convenient for users to obtain the medicines they need.

**Buzzer - Buzz It Now:** "Buzzer - Buzz It Now" is an Android and iOS application that was developed using Firebase as a backend. It features robust authentication, realtime database, and storage capabilities. This home security app is designed to identify visitors at the door, and it does so by allowing them to scan a QR code affixed to the door. Visitors can then share their face picture, along with a voice note and message. This app provides an affordable solution for people who cannot afford an expensive home security camera.

## **Skills & Interest**

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**Languages:** Javascript, Typescript, Java, Kotlin, Python, Golang, C/C++, Swift

**Libraries:** React.js, Redux, Ant Design, GORM,

**Framework:** Next.js, React-Native, FastAPI, Gin, Fiber

**UI:** CSS, XML, ChakraUI, Jetpack Compose, SwiftUI