

Chaitanya Khiratkar

Software Developer | IIT Kharagpur

+91-7057868697

chaitanyak.iitkgp@gmail.com

<https://www.chaitanyak.info/>

<https://www.linkedin.com/in/chaitanyak17/>

<https://leetcode.com/u/chaitanyakhiratkar17/>

EDUCATION

Dual Degree (M.Tech + B.Tech)

2018-2023 | Kharagpur

Indian Institute of Technology , Kharagpur

PROGRAMMING_SKILLS

Languages :C++, Kotlin, Typescript, Javascript, Java

Cloud Services :SQL, Google Cloud, AWS, Firebase

Tech Stack :NodeJs, React.js, Serverless, Socket.io, Next.js, **DBMS/Others** :MySQL, MongoDB, DynamoDB, Firestore,

React-Native, Express, C++ STL, GraphQL, Sequelize,

Git, Android Studio, Redis

Redux, Mobx, Redux Toolkit, JQuery

EXPERIENCE

Full Stack Developer - Full Time

July'23 - Present | New Delhi

Edfora

- Optimized cross-platform **React Native apps**, **boosting UI/UX by 30%** through performance and streamlined features.
- Spearheaded the development of multiple critical component, streamlining integration across multiple modules **reducing integration time (75%)** and **enhanced performance (15%)**, boosting team efficiency by **30%**
- Implemented centralized state management using **Redux, Redux Toolkit**, or **MobX** for scalable applications
- Collaborated with team to **optimize performance (70%)** and **elevate code quality**, implementing efficient practices
- Developed a **gesture-controlled UI** in React Native using Animated, enabling interactions similar to LinkedIn reactions.
- Integrated **Razorpay** for secure payment processing and **Firebase** for authentication and real-time database integration
- Implemented **Test-Driven Development** in React Native, utilizing **Jest** for unit testing and **Detox** for end-to-end testing

Software Development Intern

February'22 - July'23 | Hyderabad

Kuddle

- Developed the cross-platform application using **React Native** and **Redux / Redux Toolkit**
- Enhanced website performance by 100%** through strategic implementation of Dynamic Import for efficient resource loading, Next/Image , and Pagination to streamline content navigation.
- Built FE & BE for the internal **CRM Portal**, building services like order, product and user management, customer support, sales dashboard, and engagement notification with **RBAC for operations**
- Contributed on **Event-based communication system**, user-to-user real-time chat and event based chats with **Socket.io**

Software Development Intern

August'22 - September'22 | Hyderabad

Reasons Technology

- Created an **Android app** for business-use with **React Native & Kotlin** which is actively used in African Countries
- Integrated **Android Native Modules** to build POS features like card reader, bar-code scan, and receipt generation

PROJECTS

Personal Portfolio

<https://www.chaitanyak.info/>

- Built a Portfolio website using **Next.js (Typescript)** and deployed it with AWS
- Used **Elastic Beanstalk** to deploy it while provisioning load balancers, security groups, and VPC.
- Constructed **Serverless backend** using AWS Lambda for CRUD operations in **DynamoDB**.

myReceipts

<https://github.com/chaitanyak-iitkgp/myReceipts>

- Developed an Android app using **Kotlin** and **Jetpack Compose** for business use, ensuring efficient user interface.
- Utilized **MVVM architecture** to structure the app, promoting maintainability and scalability while ensuring a clean separation of concerns between UI and business logic.
- Integrated Android Native Modules to implement critical POS features, including a **Card reader**, and **Receipt generation**, enhancing the app's functionality and usability for business transactions.
- Worked with Jetpack Compose side effects and handled **Coroutine scopes**, optimizing app performance and ensuring smooth execution of asynchronous tasks.

EXTRA CURRICULAR ACTIVITIES

- Oversaw the **Web Development Summer Training** conducted for freshers, with participation of **250+ students**