

# SHAYAN CHATTERJEE

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## Education

### Kalinga Institute of Industrial Technology

Aug. 2017 – May 2021

Bachelor of Technology (B.Tech) - Computer Science Engineering; GPA: 9.5

Bhubaneswar, Odisha

## Experience

### Bajaj Finserv Health Limited

July 2022 – Present

Software Development Engineer

Pune, Maharashtra

- Working on the **HealthPay** initiative, which will allow customers to pay doctors and clinics directly from an app by **scanning QR codes** posted there.
- Integrated **UPI payment system** in react native app through which users can pay seamlessly with UPI.
- Created and setup a **pipeline** which will create an **AAB** and upload it to **Google Play Store** in beta channel.

### Bajaj Finserv Health Limited

June 2021 – July 2022

Associate Software Development Engineer

Pune, Maharashtra

- Introduced analytical tools like **Branch.IO** and **CleverTap** with React Native app which significantly helped in user acquisition, tracking, funnelling, engaging more users in the app. It increased the **efficiency of product team by more than 70%** to meet the business requirements.
- Developed front-end of **PharmEasy** project in React Native which helped users to book medicines online and apply various offers/discount from the app, which increased user purchasing **multiple plans and products in the app by about 30%**
- Trained and aided interns** in becoming acclimated to the system and comfortable with the whole code base.

### Bajaj Finserv Health Limited

Sep 2020 – June 2021

React Native Developer Intern

Pune, Maharashtra

- Integrated social logins in React Native app like **Google** and **Truecaller SDK** which helped in user **signing up in the app by more than 40%**.
- Written an **automation script in JSCodeshift** which helped in migrating all images rendered through **React Native Image API** to more efficient image caching library **FastImage** which reduced developer's work of **manual migration to almost nil**.
- Worked on adding the support of **Webp** images in React Native app and converted all possible **png and jpeg** images to **webp** which helped in **reducing the app size by more than 15%**.

### HighRadius

Apr 2020 – Aug 2021

React Web Developer Intern

Bhubaneswar, Odisha

- Revamped and written **unit test cases** for more than 30+ React components **using Jest** increasing the **code coverage by more than 35%**

## Projects

### Anime Manager Web Application | ReactJS, NodeJS, Express, MongoDB

January 2021

- Implemented complete responsive front-end of the web application using modern practices of React along with **Material UI, Redux, React Hooks, React Query** with complete backend development with **Node and Express**
- <https://github.com/Cshayan/Anime-Manager-v2-Client>

### React Native Ambient Light Sensor | React Native, Typescript, Java, Native Modules

July 2022

- A simple lightweight **React Native NPM** package that helps to find your surrounding's light value (in lux unit) (for android only) using device light sensor.
- <https://github.com/Cshayan/react-native-ambient-light-sensor>

## Skills

**Languages:** C++, JavaScript, TypeScript, Java, HTML5, CSS3

**Technologies/Frameworks:** React, React Native, NextJS, jQuery, Node, Express, Bootstrap, SASS, JSCodeshift

**Tools:** Android Studio, XCode, Git, CodePush, Branch.IO, CleverTap, Firebase, Azure DevOps, CI/CD

**Knows about:** Jest(testing), Webpack, Gradle, Redux, Server-Side Rendering (SSR)

## Achievements

- \* Our team **Teslacoil** secured **1st rank in CodeChef Hackathon** for fight against COVID-19 Hackathon.
- \* Got selected in **top 5** of HackBenchers3 organized by **HackerEarth** (Team name - SpeedX)