

# 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

January 2024 – Present

Software Development Engineer

Pune, Maharashtra

- Implemented a comprehensive **Design Library System (DLS)** using **Rollup bundler**, enabling shared code across **web (React) and mobile (React Native)** platforms; improved code **reusability by 60%** and reduced **development time by 40%**.
- Developed and integrated an **iOS SDK in Swift**, leveraging **CocoaPods** for seamless third-party client integration. Achieved a **nearly 50% reduction in integration time**, streamlining the adoption process and eliminating redundant coding efforts.
- Participated and involved in **code reviews** and effective **mentorship of junior developers**, fostering a collaborative and learning-oriented environment.

### Bajaj Finserv Health Limited

July 2022 – January 2024

Software Development Engineer

Pune, Maharashtra

- Integrated and designed **complete front-end of a payment system** in React Native app through which users scan a QR and can pay seamlessly with **UPI, Credit card, Debit Card, Wallet and Net-banking** increasing the payment success percentage from **29% to 81%**

### Bajaj Finserv Health Limited

June 2021 – July 2022

Associate Software Development Engineer

Pune, Maharashtra

- Introduced analytical tools like **Branch.IO, CleverTap** and **Netcore** with React Native app which significantly helped in user acquisition, tracking, funneling, engaging more users in the app. It increased the **efficiency of product team by more than 70%** to meet the business requirements.
- Created and deployed a seamless **deep linking system** in a React Native app with **Branch.IO**; resulted in a **30% increase in user engagement** and improved app navigation experience.

### 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%**.
- Engineered multiple **Native Modules** in React Native app to facilitate robust cross-platform communication (**for both Android and iOS**), now adopted by multiple teams. This has significantly **reduced addition of repetitive code by more than 15%**.

### HighRadius

Apr 2020 – Aug 2020

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

### 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, Swift, HTML5, CSS3

**Technologies/Frameworks:** React, React Native, Expo, NextJS, jQuery, Node, Express, NestJS, Bootstrap, SASS, JSCoDeShift

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

**Knows about:** Jest(testing), Webpack, Rollup Gradle, Expo Updates (EAS), React Query, Redux