
Sai Ranjit Tummalapalli

Software Developer (Mobile + Blockchain)

sairanjit5@gmail.com

SUMMARY

- Working IT professional with 2+ years of Software Development experience.
- SDK integration with mobile app.
- Experienced in Android Native, React Native, React, TypeScript
- Hands-on experience on Hyperledger ARIES & Hyperledger INDY
- Experienced in Flutter in building a plugin package from scratch
- Entirely into Agile based development

SKILLS

- Expertise in build ARIES SDK in mobile technology
- Deep understanding of ARIES Protocols
- Worked on Indy SDK for store the digital credential in the indy based wallet
- Good Knowledge of Web Services - JSON parsing and XML parsing
- Experienced in React Native for hybrid app development.
- Also worked on Redux for state management in mobile applications.
- GitLab & Github Expertise

PROJECTS:

1) Project: Identity management Platform (Hyperledger Aries-Indy)

Web and mobile-based product for issuing Decentralized identifiers for clients. The application's main objective is to convert a physical Identity of an Individual into an SSI Based Verifiable Credential using a Third Party Document verification tool. It also serves as a Platform for other Organizations who are invited to join and issue or verify Verifiable Credentials.

Technology: HyperLedger Indy, Aries, React-Native, TypeScript, ReactJS, Figma

Responsibility:

- Built reusable React native components
 - Design all the UI screens as per mockup
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- Developed hyperledger Aries SDK in react-native

Client's name: NDA does not allow to disclose this information.

Business Sector: Identity Management

Client type: Enterprise

Client location: Canada base client

2) Project: Identity management Using Hyperledger Aries-Indy

Web and mobile-based product for issuing Decentralized identifiers for clients. The application's main objective is to issue various SSI Based COVID-19 Verifiable Credentials. It also serves as a Platform for other Organizations who are invited to join or can request to join the Platform for issuing or verifying Verifiable Credentials.

Technology stack:

React Native: Frontend

Proto.IO: Wireframe

Redux: Store management

Hyperledger Indy SDK: Used as a storing the digital credentials

Responsibility:

- Involved in making the UI components from mockups.
- Identify the workflow.

Client's name: NDA does not allow to disclose this information.

Business Sector: IT/ Software

Client type: Enterprise

Client location: US base client

3) Final Year Project: Blockchain-enabled secured IoT Devices

Mobile-based product for issuing Decentralized identifiers. The application's main objective is to issue various SSI Based Verifiable Credentials to IoT devices..

Technology stack:

React Native: Frontend

Hyperledger Indy SDK: Used as a storing the digital credentials

Responsibility:

- Involved in making the mobile app.
- Adding the Hyperledger Indy SDK to the mobile app.

EXPERIENCE

AyanWorks Technology Solutions Pvt Ltd., Pune - *Software Developer*

May 2020 - PRESENT

- Creating apps based on UI and also functionality with the React Native Framework.
- Create the packages for Mobile as required by the Client for Blockchain Hyperledger Aries.

AyanWorks Technology Solutions Pvt Ltd., Pune - *Developer Intern*

June 2019 - March 2020

- Understood concepts of Blockchain Learned new frameworks like Hyperledger Indy, Hyperledger Aries
- Learned React Native for Mobile App Development
- Created a mobile app for connection between two devices using Aries cloud Agent.

EDUCATION

SMT, Kashibai Navale College of Engineering Pune - *B.E(Electronics & Telecommunication)*

August 2016 - June 2020

Jawahar Navodaya Vidyalaya Pune - 12th CBSE Science 2016

April 2015 - March 2016

Jawahar Navodaya Vidyalaya Pune - 10th CBSE 2014

April 2013 - March 2014

AWARDS .

- **Smart India Hackathon**

Finalist in the year 2020 in the domain Ministry of Telecommunication.