Shashank Kulkarni

Personal Data

Date of Birth:	29 May 1996
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Work Experience

March 2018 -

Software Developer at Ayanworks Technology Solutions, Pune, India
Blockchain Developer

Daily tasks include developing applications on top of blockchain frameworks, git management

Education

June 2017 Bachelor of Computer Application from
University of Pune, India
Project: "Floriculture Database Management System"
Percentage : 57.00

June 2015 Higher Secondary Certificate from **Mhalsakant Jr. College, Akurdi, Pune,** India
Percentage : 59.23

May 2012 Senior Secondary Certificate (Class 10) at
J.P.N.V School, Pradhikaran, Pune, India
Percentage : 48.55

Technical Skills

- **Languages:** NodeJs**,** C/C++, corejava, AdvancedJava, JavaScript, SQL, HTML,

- **Frameworks and Technologies :** Ethereum blockchain, Hyperledger fabric, ExpressJS, MongoDB, CouchDB, JSON.

- **Reports and Presentations:** Powerpoint, Excel.

Project work and thesis

Mar2019 | ## Identity Management Using Hyperledger Indy

Developer web based product for issuing Decentralized identifier for client. The client manufactures door security solutions for companies. Our Product focuses on granting access to the doors of the company to the employees without capturing sensitive data like employee's fingerprint. Product feature include:

- Zero knowledge proof: As a core feature of hyperledger Indy blockchain, zero knowledge proof provides a secure method to verify and validate identity holder without the need for user to share his fingerprint or retina.

- Decentralize Identifiers: Issue Decentralize Identifiers(DID) to the admin user and the employee of the organization. These DID are stored on to Hyperledger Indy blockchain and thus are tamper proof.

- Access Control List: Issue certificate to user containing his access control list without capturing any critical data i.e granting user access to the doors without storing the fingerprint onto some central database.

- Verification Access: Verify if user has access to the door he tried to access.

Technologies used are:

- ReactJs: Developed frontend in ReactJs

- NodeJs: Used for writing the Backend API's

- Hyperledger Indy: Used as a distributed ledger Technology for issuing DID and certificate to the user

Aug2018 | ## Credit Mart Bank LoanApplication

This application is built on top of Hyperledger fabric.This aim is to make the loan application process secure and fast. Hyperledger fabric helps to verify the user documents with custodian document authority to avoid the fraud in loan process.

Technologies used are:

- NodeJs: Built API's for interacting with hyperledger fabric network.

- ReactJs: Frontend built using ReactJs

- Database: MongoDB

Oct2018	Forfirm_POC

Branch sends request for approval to headquarters, which is then reviewed and approve/rejected by the headquarters.This application is built on top of Hyperledger Fabric.

Technologies used are:

- NodeJs: Built API's for interacting with hyperledger fabricnetwork.

- ReactJS: Frontend built using ReactJS.

Certificates

Aug2017	Core and Advanced Java Certification from Mind Scripts Technologies. Hadoop and Big Data Certification from Mind Scripts Technologies.

Languages

Marathi: Mothertongue
Hindi: Fluent
English: Fluent

Interests and Activities

Technology, Open-Source, Programming

Learning new Languages, Football, Trivalling, Swimming