Name	Shivam Sethi
Experience	5 years
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LINKEDIN	https://in.linkedin.com/in/shivam-sethi-71439010b
Medium	https://medium.com/@sethisaab

Education

Education	Bachelors of Technology (Electronics and Communication) from Haryana Engg. College ,jagadhri (63%) SSC from S.D Public School, Jagadhri (70%) HSC from S.D Public School, Jagadhri (79%)

Skill Summary

Domain	Identity and access Management ,Blockchain
Tools	OIM (Oracle Identity Manager) 10g, 11g R2 Ps2 , Decentralized identity Management, Hyperledger sawtooth
Languages	Core Java ,java script ,nodejs ,golang
Education	Bachelors of Technology (Electronics and Communication) from Haryana Engg. College, Jagadhri (63%) SSC from S.D Public School, Jagadhri (70%) HSC from S.D Public School, Jagadhri (79%)
Operating System	Windows XP/7 , Basics of Unix
IDE	Eclipse ,Jdeveloper, visual studio code ,Atom ,Bracket

Experience Summary

A performance driven and result oriented Professional with 4.5 years of experience in **Identity and Access Management** and currently working on and exploring Blockchain based Decentralized identifiers

Dedicated, always ready to learn, open to flexible working hours and hands-on approach to development and testing while ensuring good documentation practices as well.

Strong communication and interpersonal skills – work directly with the clients to understand the problem.

Good team player, always open to share knowledge and skills with co-workers and mentor juniors.

Codezeros	September 2018- Present
Decentralized Identifiers (DID) **and SSI (self-sovereign Identity)**	**Description** Blockchain based Decentralized identifiers are a step towards achieving SSI where a user will be having full control over its identity. They don't have to share their identities to centralized server like Facebook,google,Amazon. User will have full control over its Verifiable credentials.

	Responsibility: Understanding Latest Technology and workflow used in DID based product Creation Analysing Product requirements Creating End-2-end product roadmap Defining future scope Developing code to implement DID Methods on blockchain Developing DID key recovery using BIP39 liberaries and NACL liberary Implementation of DID authentication ,for communication between two DIDs Development of local DID resolver Understanding of Universal DID resolver Developed Mechanisms to Change owner,Set Delegate ,Change Delegate in DID document Worked with Elliptical curl ED25519 to generate Key/pair for DID documents Developed document signing and verification process to check the authenticity of document Understanding of Blind secret concept Understanding of Zero knowledge proof algorithm . Worked with Hyperledger Indy to generate DID and DID documents Worked with Hyperledger Indy to create verifiable credentials Worked with Hyperledger Indy to verify VCs(verifiable credentials) Worked with Hyperledger Indy to Create Issuer , Verifier and Subjects Designed Verifiable Credential Schema using Hyperledger Indy apis
Hyperledger sawtooth	**Description** Hyperledger Sawtooth is another blockchain based product under Hyperledger's umberella developed by Intel with support of other companies **Responsibility:** Understanding Client's requirement. Development of Transaction processor Development of middle client to query data via transaction processor Development of Rest client to query ledger Development of namespace and address development mechanism to create custom queries in sawtooth Understanding of sawtooth architecture Set up Sawtooth Transaction Explorer GUI for Transaction Tracking Developed transaction processors using Node liberaries Understanding of Cryptographic algorithms curves (EDDDSA and EDCDSA)

	Worked with cryptographic algorithms like Ed25519 and secp256k1
	Set up Sawtooth network using docker as well as CLI

Simeio Solutions	January 2017 – September 2018
Oracle Identity Management(OIM) **11g R2Ps1**	**Description** Oracle Identity Manager is a powerful and flexible enterprise identity management system that automatically manages users' access privileges within enterprise IT resources. Its flexible architecture easily handles the most uncompromising and rigorous IT and business requirements -- without requiring changes to existing infrastructure, policies or procedures. Oracle Identity Manager is designed to manage user access privileges across all of a firm's resources, throughout the entire identity management lifecycle -- from initial creation of access privileges to dynamically adapting to changes in business requirements. Because of Identity Manager's innovative design, enterprises can elegantly incorporate necessary business changes at minimal cost, while avoiding enforced customization that might be necessary with other provisioning systems. **Responsibility:** Extended User Profile with custom attributes Extended Organization Profile with custom attributes Developed custom connector for Oracle Unified Directory using Rest Apis (OUD) Perform CRUD operations using **OIM APIs** Developed Adapters for QlikView Integration Developed Custom Adapters for WebEx Integration Worked on the Enhancement of Already Developed Code Worked on the Adapters to automate the Email Notification Process Automated DUO provisioning using REST apis and OIM adapters Worked on development of New Adapters Enhancement of codes and fixing of issues occurred in Production Creating doc for test cases to test the code and whole functionality

99Oranges	January 2016 – Janauary 2017
Oracle Identity Management(OIM) **11g R2Ps2**	**Description** Oracle Identity Manager is a powerful and flexible enterprise identity management system that automatically manages users' access privileges within enterprise IT resources. Its flexible architecture easily handles the most uncompromising and rigorous IT and business requirements -- without requiring changes to existing infrastructure, policies or procedures. Oracle Identity Manager is designed to manage user access privileges across all of a firm's resources, throughout the entire identity management lifecycle -- from initial creation of access privileges to dynamically adapting to changes in business requirements. Because of Identity Manager's innovative design, enterprises can elegantly incorporate necessary business changes at minimal cost, while avoiding enforced customization that might be necessary with other provisioning systems

Responsibility:

- Installation of OIM 11g R2PS2
- Extended User Profile with custom attributes
- Extended Role Profile with custom attributes
- Extended Organization Profile with custom attributes
- Developed custom connector for Oracle Unified Directory (OUD)
- Worked with **JNDI** coding to connect with OUD and perform CRUD Operations on it.
- Perform CRUD operations using **OIM APIs**
- Worked with Flat File GTC to develop Trusted Reconciliation
- Worked with Database GTC to develop Target Reconciliation and Provisioning
- Worked with Dbat Connector to perform Provisioning and Reconciliation
- Developed custom schedule tasks for various purposes
- Worked with Event Handlers
- Worked with various adapters (Pre-populate, Process Task)
- Worked with Access Policies
- Worked with Groups/Roles and Membership Rules

Webcom Technologies	August 2014 - December 2015

Oracle Identity Manager (OIM) 10g and 11gR2ps2

Responsibility:

- Worked with Entity Adapters
- Worked with various adapters (Pre-populate, Process Task)
- Worked with Access Policies
- Worked with Membership Rules
- Worked on Event Handler
- Worked with Flat File GTC to develop Trusted Reconciliation
- Worked with Database GTC to develop Target Reconciliation and Provisioning
- Training the new team members.

Personal Dossier	
Date of Birth	08-11-1992
Father's Name	Mr. Subhash Sethi
Languages known	English, Hindi, Punjabi
Nationality	Indian