

PERSONAL INFORMATION	
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Summary

I'm a developer with 16+ years of experience in Programming, Support and Consulting in SAP and Blockchain space. I am passionate about the concept of decentralization and it's capabilities, to revolutionaries the ways humans or machines will exchange the value.

I have worked extensively on decentralized identifiers aka DID and dApps using solidity.

Tech Stack and Tools

👉 UI:	Reactjs, JavaScript, TypeScript, Web3js, Etherjs, SAP Ui5
👉 Backend:	Solidity, Nodejs, Express, REST API's, Micro Service architecture
👉 Database:	SQL, Postgres
👉 Tools:	Visual Studio, Remix, Hardhat, OpenZeppelin, Geth, Meta-mask, Rainbow kit
👉 Testing:	TDD, Mocha, Chai, HPQC, Unit Testing, Functionality Testing, Positive and Negative Testing, User Acceptance Testing (UAT)
👉 Version Management:	Github, Gitlab
👉 DevOps:	Docker, CI CD pipelines, AWS Cloud, Digital Ocean Cloud

 Methodology:	Agile/Scrum, Waterfall
 Operating System:	Linux, Mac OS, Windows

Open-Source Contributions

- [DAF framework and Veramo](#), a layer one open-source framework for decentralized identity by ConsenSys.
- [Energy web foundation](#), a blockchain framework for managing energy certificate
- [Decentralized Identity foundation](#), an open ecosystem for decentralized identity and ensure inter-op between all participants.
- [In3 client](#), a minimal verification client for decentralized gateway to blockchain networks

Certifications and Courses

Aug 02 – May 06 Graduation - Bachelor of Engineering - **Army Institute of Technology, Pune (India)**

Blockchain Architecture Design and Use Cases	IIT K (NTPEL)
IBM Block chain Essentials	IBM
Decentralized Application Design & Development	Udemy
SAP Leonardo – An Introduction to Blockchain	Open SAP
Node.js The Complete Guide to Build RESTful APIs	Udemy
The Complete JavaScript	Udemy
Developing Web Apps with SAPUI5	Open SAP
Google's Go (golang) Programming Language by Todd McLeod	Udemy

Experience Summary

InfoDrive Solutions Sdn. Bhd., Malaysia

March 22 – till date Product Manager, Blockchain Competency Lead, Application Dev Lead

- Managing dev team & developing the existing customer applications.
- Assisting Sale and Delivery teams on proposals for Application development and cutting-edge technologies.
- Managing and engaged in the development of various products named a Recruitment CRM, a blockchain based digital identity, Social Recovery DAO, BlockSecureCert and Digital Will.
- Mentoring internal team on Web3 and Blockchain related development.
- Assisted **Tokenomics** for Adroit People Ltd (UK based blockchain projects).
- Working experience on Upgradable Smart contracts using **Transparent Proxy pattern (Proxy and Beacon)**.
- Working experience in **DID based** identity application align on **Self Sovereign Identity (SSI)** principles.
- Very good understanding of **Dex (DeFi)**.
- **Recruitment CRM ATS** <http://dev-ats.web3dapps.world/>
 - A CRM portal for recruitment and Sales team for managing the life cycle of candidate onboarding.
- **Social Recovery DAO** <https://dorahacks.io/buidl/3836?roundProj=2636>
 - Developed this POC while participating for **ETHVietnam hackathon** and the project was ranked under Top 6 submissions, it provides a decentralized approach of key management and recovery, this approach can impact and improve the certainty for wallet recovery. In smart contract-based wallet recovery members are either our close family members or friends and not necessarily these members are good with key management henceforth there is high possibility of keys mismanagement, which could undermine the whole purpose of social recovery. So here we can add a degree of certainty by having a decentralized eco system where there are many who are good with Key management can participate in decentralized manner (with the use of **DAO, ZKP, Rewards and Slashing**) to provide a higher

degree of certainty for wallet recovery using social recovery DAO. We are integrating **Polygon ID** (a ZKP based DID) for service providers verification and registration.

- **Digital Will** (<http://digital-will.web3dapps.world/>)
 - Developed Smart contract based Digital Will vault dApp, where user can hold Eth and assign the nominees for inheritance, User needs to prove the liveness within a defined period of time else the contract will allow the nominees to claim assets.
- **BlockSecureCert** (<http://cms.web3dapps.world/>)
 - At BlockSecureCert a student records issuance and verification can be done using polygon chain (Or any other EVM chain). Students will have options to create selective disclose attributes of his certificates issued by the university and verify them on-chain.

Blockchains Inc. (Former Slock.it), Germany

Nov 19 – June 22 Blockchain Developer

- Worked on In3 client, which help Dapps to connect to Ethereum in decentralized manner.
- Worked on SSI part of Custody solution (a smart contract base wallet).
- Implemented Golang microservices for identity Equis stack.
- Worked extensively on microservices
- Implemented a Self-Sovereign Identity use case based on Veramo framework by u-Port.
- Developed a node.js library identity-lib for Slock.it GmbH
 - This library was responsible for Generating Identity Identifiers
 - These identifiers were compatible with ethr-did resolver
 - Library was also facilitating to resolve selective disclosure request aka SDR
 - The library was responsible for providing functionality like handling and sharing of credentials.
 - The library was also providing all activity logs for a particular DID.
- Implemented DID provider solutions using a layer 2 protocol Sidetree.js.
 - Configured and setup sidetree microservice node for evan.network identity stack
 - Developed a library sidetree-api for identity lifecycle management (.i.e. create, update and deactivate).
 - sidetree-api implementation integrated as an identity provider module for evan.network

Standard Capital, Japan (Offshore)

Apr 19 – Aug 19 Freelance Blockchain Developer

- Researched on various backend infrastructure like Stellar, Hyperledger Fabric for STO Platform development feasibility.
- Researched on various token protocol like ERC-1400, ST-20, R-Token etc. to design a suitable token standard.

Havells India, Noida (India)

Jan 19 – Apr 19 Freelance SAP Developer

- Implemented FI processes using SAP workflows, Webdynpro and Fiori Integration.

Wow Labz, Bangalore (India)

May 18 – Dec 18 Freelance Blockchain Developer

- Researched Blockchain based protocols like Ethereum, Hyperledger Fabric.
- Worked on a blockchain product for distributed storage, utilizing Ethereum blockchain for off-chain micro payment processing using state channel implementation.
- Developed state channel smart contracts using the solidity.

weScaleIT, Germany (Offshore)

Apr 18 – Jul 18 Freelance SAP Fiori Consultant

- Drafted SAP Fiori development guideline.

MSP Hi-Tech, Malaysia

Dec 16 – Mar 18 Freelance Sol. Architect

- Engaged as Business workflow implement Sol. Architect for Dairy Farm group Malaysia, where many non-SAP workflow has been developed and integrated to SAP backend.

Quality Ideas Lab

Apr 16 – Dec16 Freelance Developer / Consultant – SAP UI5, Fiori

- Developed Fiori apps. like Product Lookup & Cycle Count Application for Home Depot.

IBM India, Pune (India)

Jul 15 – Mar16 Package Solution Consultant - SAP SRM

- Engaged in projects looking for expertise in Workflow, Webdynpro, Fiori and NW Gateway.

Tech Mahindra Limited, Noida (India)

May 13 – Jul 15 Project Manager - SAP SRM

- Worked as SAP SRM and c'Folder consultant, served two major MEA clients Etisalat Telecom, UAE and Federal Electricity & Water Authority, UAE.

IBM India, Pune (India)

Jul 09 – Apr 13 Team Lead - SAP Workflows

- Worked as SAP workflow Lead, SRM technical consultant role in various projects, as well engaged in SME activities to lead the projects seeking SAP workflow expertise.

ENEM Technologies, Mumbai (India)

Aug 08 – Jul 09 SAP Technical consultant

- Worked as SAP workflow consultant & supported major customers for Serco Solutions UK.

Perot Systems, Bangalore (India)

Aug 06 –Aug 08 Associate

- SAP ECC 4.6 & 4.7 systems support for support was SD, MM and FI Workflows.

Organizational / managerial skills

- Leadership - Managed a team of 5 to 10 as Team Lead, Project Lead and Sol. Architect.
- Have diverse experience working with multiple teams situated in multiple locations.
- Managed Vendor, Customer and all stake holder for Dairy Farm Group implementation.
- Experience of all phases of a project implementation starting from Contract review, blueprint and Requirements gathering, Delivery, SIT, UAT, EUT, Go Live and Support.

Declaration

I confirm that the information given above by me is true to the best of my knowledge.

**** Professional References will be provided on Request**

Devraj Singh