

Job ID : CEET15

Work Location : Chennai

Role : Architect - Blockchain Backbone

Monthly CTC : Upto 2.5 Lakhs

Qualification:

- BE / B Tech / MCA / MSc / ME / M Tech in Computer Science/Information Technology or related field.
- 10+ years of experience in enterprise software/ solutions development in a highly technical and analytical role
- 4+ years of experience designing and implementing technical architecture for enterprise IT solutions specifically SAAS based solutions
- 4+ years of proven experience working with Blockchain framework/ applications, cryptography and security concepts
- Should have project experience working with Hyperledger Fabric 2.0 or above and Ethereum.

Responsibilities:

- Design enterprise grade Blockchain solutions that leverage globally accepted Blockchain and DLT platforms and address security and scalability concerns
- Translate the needs of the stakeholders and accordingly design the technical architecture and data flows incorporating Blockchain and non-Blockchain (off-chain) resources to device the best possible solution
- Advice stakeholders (internal and external) and development teams on building secure, scalable and citizen centric solutions in line with advancements in the field of blockchain, cryptography and other technology domains
- Publication of domain-relevant white papers and thought leadership articles

- Actively contribute to the creation of project proposals, tenders, policies, standards and best practices, guidelines and other frameworks, tools and artefacts to guide the blockchain initiatives of TNeGA

Technical Skills:

- Experience leading and working with a team for rolling out enterprise grade Blockchain solutions for public and private sector in India or abroad
- Should have understanding of basic cryptography from an implementation point of view including encryption mechanisms and hashing algorithms
- Should have good understanding of fundamentals of Blockchain Technology
- Should have experience designing and rolling out enterprise IT solutions specifically SAAS based solutions
- Experience in a highly regulated industry such as Banking and Finance, Telecom, etc. will be preferred
- Hands-on experience with Hyperledger Fabric 2.4 and above and Ethereum is required.
- Project experience with NodeJS is required. Experience with ReactJS / AngularJS is desirable
- Understanding of the below tools/frameworks/libraries used in blockchain solutions is required – IPFS, Metamask, Trufflesuite, Open Zeppelin.
- Project experience with PostgreSQL and CouchDB is required. Experience with MongoDB is desirable.
- Understanding and hands-on experience with one or more of the below Blockchain or DLT platforms is desirable - Corda, Quorum, Stellar, Tendermint

- Should have experience in designing applications for on-premise as well as private and public cloud environments.
- Knowledge and experience in defining, designing and implementing microservices and REST APIs.
- Knowledge and experience of packaging, deployment and management of Docker and Kubernetes-based platforms and relevant use-cases and challenges

Business Requirement:

- Ability to quickly understanding business requirements and propose reference architectures and technical solutions.
- Ability to design and propose scalable and secure technical architecture for blockchain solutions for complex business problems.
- Ability to lead development teams and work as team player, comfortable with fast paced, changing environment and ambiguity
- Excellent leadership and interpersonal skills
- Strong verbal and written communication skills, including the ability to present complex material to wide range of audiences in plain language
- Ability to multi-task, manage projects, set time frames, and meet deadlines
- Ability to drive discussions with senior personnel regarding trade-offs, best practices, project management and risk mitigation.

Click here to apply

<https://tnega.tn.gov.in/jobapply/careers/CEET15/Architect%20-%20Blockchain%20Backbone>