SONU KUMAR

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PROFILE SUMMARY

O Blockchain Full Stack Developer with more than three years of IT experience with a burgeoning career graph.

O Conceptualized and designed end-to-end architecture of Blockchain solutions using various technologies/platforms as per the requirement.

O Developed solutions for various clients using different Blockchain platforms in which predominantly involved in the technology stack like Hyperledger Fabric, Hyperledger Indy, microservices using NodeJS, Angular, Docker, Kubernetes , API implementation, MongoDB, CockroachDB, shell scripts, AWS,.

O Developed highly interactive web applications in Angular using jQuery,JavaScript and Bootstrap.

O Mentoring the teammates in understanding the design and technical flow of the process.

O Troubleshot the major issues faced while deployment, testing phase and resolved with most feasible solution.

O Received various awards, rewards in the recognition of the work accomplishments. **TECHNICAL SKILLS**

Technology (current)	Blockchain, Angular, NodeJS & Applied Strategies
Blockchain Platforms	Hyperledger Fabric, Hyperledger Indy, Ethereum
Deployment Tools /Software	Docker, Kubernetes
Programming Languages/ Scripting Languages	NodeJS, Shell scripting, Python
Database	MySQL, CockroachDB, CouchDB
Cloud Platforms	AWS, GCP
Operating System	Windows (XP ,7, 8, 10),Linux
Version-Control System	Git Repository

WORK EXPERIENCE

Technology Analyst in Infosys, Chandigarh   **Feb 2019 – present**

- **Solutions (Contract Management)**   **Feb 2022 - present**
  Role : Angular UI Developer
  Technologies/ Frameworks: Angular, NodeJS, Docker,Socket
  Brief Abstract : A Decentralized solutions for creating contract between different organizations.
  Where Admin can create contracts and assign different stakeholders to Approve/Reject/Send back
  for updation. Stackholder's will get real time notification about the contract and track status as
  well.

O Contributing in multiple areas of the project i,e Design, Development, Infrastructure, Deployment, Testing and so on.

O Developed highly interactive web applications in Angular using jQuery,JavaScript and bootstrap.

- **Blockchain Core (BCCORE)**   **Sep 2021 – Jan 2022**
  Role : Blockchain Full Stack Developer
  Technologies/ Frameworks: Blockchain (Hyperledger Indy), Node.js, AWS, Docker, Keycloak
  Brief Abstract: A Decentralized Verifiable Credentials solution for Infosys
  Learning/Educational platform where the user's pursued certificates & courses get stored as
  the credentials in the user's mobile wallet.

- ○ Contributing in multiple areas of the project i,e Design, Development, Infrastructure, Deployment, Testing and so on.
- ○ Interaction with client for the design and deployment process where architectured the approach. ○ Developed scripts for keycloak, Aries Agents, API Development and so on ○ Troubleshot the issues and resolved with most feasible solution.

- **TTS(Toyota Systems)**   **Mar 2021 –Aug 2021**

  Role : Blockchain Developer

  Technologies/ Frameworks: AWS, Blockchain(CORDA R3),Rails, Kubernetes, CockroachDB, CNAT , Azure.

  Brief Abstract: Worked for TTS Japan Client – Data Migration of smart contracts from one cloud platform to another thereby ensuring portability of Blockchain and the migrated data is captured in the client's web application called TBlock portal, a comprehensive Blockchain contracts exchange system that processes contracts from proposal to final approval for all transactions.

- ○ Contributed in multiple areas of the project i,e Design, Development, Infrastructure, Deployment, Testing and so on.
- ○ Interacted with clients where predominantly involved in architecture and business flows of the process.
- ○ Developed scripts for various migration flows as part of the process flow.

- **Parts Traceability (John Deere)**   **Oct 2020 - Feb 2021**

  Role : Full Stack Developer

  Technologies/ Frameworks: NodeJS, Docker, Angular

  Brief Abstract : Worked for John Deere USA client – Hyperledger Fabric Blockchain based Decentralized system to track & trace various agriculture machinery parts. There was 4 stackholders – Dealer, Deere(self), Supplier, Customer.
- ○ Designed and developed solution Supply chain management usecase using Blockchain.
- ○ Developed highly interactive web applications in Angular using jQuery,JavaScript and bootstrap.
- ○ Developed NodeJS and Express application to intract with Hyperledger Fabric Blockchain Network.

- **Solutions(Supply Chain Management – Research & Development)**   **Jan 2020 - Jan 2021**

  Role : Blockchain Full Stack Developer

  Technologies/ Frameworks: Hyperledger Fabric , Mongo DB ,NodeJS, Molecular, Angular

  Brief Abstract : Building Solutions in Marijuana seed to sale tracking application. There was 6 participants in the blockchain network - Doctor, Dispensary, DH , Cultivator, QualityAssurance Lab and Packager.
- ○ Designed and developed solution Supply chain management usecase using Blockchain.
- ○ Developed highly interactive web applications in Angular using jQuery,JavaScript and bootstrap. ○ Developed middleware using moleculer, NodeJS microservices to connect blockchain network.
- ○ Developed and deployed blockchain network in Hyperledger Fabric.

- **KYC Online (Proof of Concept)**   **Aug 2019 – Dec 2020**

  Role: Blockchain Full Stack Developer

  Technologies/ Frameworks: Ethereum, Hyperledger Fabric, Angular

  Brief Abstract: Developed and deployed KYC poc in Ethereum & Hyper Fabric.

CERTIFICATIONS
- Certified Infosys Blockchain Professional.
- Certified Infosys Hyperledger Fabric Professional.

ACADEMIC REVIEW

Qualification	University/College	Percentage
Bachelor of Technology (Computer Science Engineering)	A.P.J. Abdul Kalam Technical University Uttar Pradesh/ B.B.D.I.T Ghaziabad	75.6
Intermediate	M.R Janta College Bihar (BSEB Patna)	72
10th	H.N High School Belari, Samastipur, Bihar (BSEB Patna)	69.4

ACADEMIC REVIEW

Qualification	University/College	Percentage
Bachelor of Technology (Computer Science	A.P.J. Abdul Kalam Technical University Uttar Pradesh/ B.B.D.I.T Ghaziabad	75.6