Name & Contacts	**Kaustav Chakraborty**
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	kaustav_chakraborty@outlook.com
Company & Title	**Senior Architect – Technology** at Cognizant Technology Solutions Pvt Ltd. for 11+ years (Current)
	IT Analyst at TATA Consultancy Services India Pvt Ltd for 3.5 years.
	Software Engineer at Infosys Technologies Ltd for 3.5 years.
Skills	**Open Source:** Spring Boot, Spring Framework, Spring Security, Spring Rest/WS, Spring Integration, Spring Batch, Spring Webflow, Spring Integration, Kafka, Zookeeper, ELK stack, Akka/Spray Framework, Camel, Hibernate, Ibatis, JMS, Active MQ, Drools, JSF etc.
	Blockchain: Hyperledger Fabric, Hyperledger Indy, Ethereum, Quorum, IPFS, Decentralized Identity(w3c), Verifiable Credential(w3c),
	Security: JWT, JAAS, OpenSSO, OAuth2, OpenID, Digital Signature, DID, VC.
	OOP: Java 8, C++11
	Functional: Golang, Solidity, Scala
	Non-Functional: Nodejs, JavaScript, Cobol
	Salesforce: SFDC Apex, SOQL
	Cloud: AWS, GCP
	Devops: Jenkins, Docker, Docker Compose, Maven, Bitbucket, Git, Jira, Confluence
	Others: MongoDB, Cassandra, DB2, UDB, MySQL, H2, Ansible, Hashicorp Vault, Apache Nginx, Tomcat, JBoss, Junit, JMock, PowerMock, Sharepoint, SonarQube, FishEye, Findbugs, Cobertura, PMD, JProfiler, Star UML etc.
Education	**Bachelor of Engineering (BE)** from College of Engg. & Mgmt, Kolaghat
Professional Experience	**Kaustav** has **18+ years** of experience in all stages of SDLC in various Open Source based projects. He has in-depth knowledge of open source based application architecture and has played a key role in architecting, designing & leading various small to large scale projects across multiple domains (like BFSI, Logistics, Travel & Hospitality, Energy Utilities etc.), where he was responsible for Architectural Definition, Framework Designing, Platform Development & management, Technology Consulting & implementation as well as maintaining various quality attributes of the solution including scalability, security, performance, reusability, maintainability & automated deployments etc.
	Extensive experience in Blockchain related solutions architecture specially solutions built using Quorum, Ethereum, Hyperledger Fabric, DID & Verifiable Credential using General Blockchain platforms.

	Expertise 1. Technical Skills • Expertise in building micro service & event driven architecture based auto scalable, performant & cryptographically secure system. • Extensive expertise in building various Java JEE C++, Golang backed open source application or platform & integration with legacy systems. • Deep knowledge in Blockchain & familiarity in various protocol & custom built on open source protocols. • Expertise in designing & building smart contracts for implementation of DID based on w3c specification in general blockchain platforms like Hyperledger Fabric & Ethereum. • Expertise in building applications dealing with verifiable credential-based platform for various interoperable businesses. • Expertise in building solutions for automated deployment & monitoring solution using cloud infrastructure. Key Engagements - Worked with various clients across USA and Europe • Currently engaged as Chief Solution Architect in biggest Logistics company in Europe helping to design build & deploy logistics, supply chain interoperable network platform created using microservice (Spring boot) & Kafka based even driven architecture. It also includes building DID & VC based multi blockchain backed interoperable platform for various businesses like supply chain, track & trace, 3d printing, IOT solutions etc. Both Quorum & Hyperledger Fabric was used to interoperate in this engagement along with customization of Hyperledger Fabric protocol done for securitization & compliance. • Engaged in performing various proof of concepts of various Blockchain technologies like Custom DID solution using generic Blockchain like Ethereum & Hyperledger Fabric, Hyperledger Indy, Digital Asset, DAML, Hashgraph, Quorum, Ethereum, SGX, Hyperledger Fabric key externalization using software vault, Cosmos etc. for various customers. • Engaged in building end to end compiler for a new Scala like functional language for Ethereum virtual machine in C++. • Engaged in solutioning, designing & developing internet payment gateway system for one of the largest acquirers in Europe & USA. • Engaged in solutioning, designing & developing a financial solution platform and security framework for one of the Annuity Mutual funds based largest financial services company in USA. • Engaged in solutioning and developing Salesforce based customer data migration from Sybase to Salesforce and creating 3rd party brokerage account opening system. • Engaged in solutioning & development of configurable universal API product which integrated biggest 5 GDS systems of the world to make universal travel platform.
Certifications	Certified Blockchain Expert, Certified Blockchain Developer