

# UTKARSH BISHT

15<sup>th</sup> October 1993

Blockchain | DevOps | Lead Engineer | Full Stack Engineer

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## Career/Professional Experience (~10 years):

Joining	Organisation	Role
15 May 2018	Block8/ Redbelly	Senior Engineer
20 August 2015	Infosys Limited	Senior System Engineer

## Academic Background:

Year	Course	College	University	Score
2015	BE CSE	CCET	Panjab University	8.03 GPA
2023	Masters	IITB, LJMU	IIT, LJMU	83.66%
2026	MBA	Symbiosis	Symbiosis	-

## Certifications:

- R3 certified Corda DLT developer (certification year: 2019)
- Received Infosys appreciation certificate for guiding team on application development and performing efficient unit testing to provide overall better solutions.

## Skills:

Blockchain	Corda, Ethereum, Redbelly
Cloud	AWS, GCP
Languages	Java, Node, Golang, Typescript, React
Frameworks	SpringBoot, NestJs, Express
Protocols	REST, GraphQL, WebSockets
Database	MySQL, Oracle SQL, DB2, Postgres
DevOps	Terraform CDK, GitHub Actions

- Launch two production grade network in three month timeframe with 250 partners hosting their servers syncing with it
- Conduct planning, retrospective, timeline, brainstorm sessions
- Reporting and documentation to ensure smooth project lifecycle
- Cost reduction in OPS by providing scalable cloud solutions & assisting in setting physical DEV servers
- Have been involved in conducting mentorship for interns

## Roles & Responsibilities:

- Build blockchain from base using Golang. Involved in intensive research work for the same
- Build scalable system to handle 1.2 Million transactions in single job cycle using minimalistic resources
- Ensure data validity and integrity using blockchain solutions and Merkle trees
- Authored and build robust logging library to be used organisation wide for AWS, GCP and DEV region
- Worked with enterprise customers and FINTECH projects to provide solutions for various requirements
- Managing physical server and Virtual Machines installed in Hypervisor

## Projects:

1. **Redbelly Blockchain:** Build enterprise-level blockchain from the scratch using Golang
2. **anchors:** Data validation and verification system across distributed system/ databases using hashing
3. **Hutly:** Create real estate contract and tenancy agreement system digitally across Australia
4. **Enosi:** Tracking energy units consumed and trading clean energy (mostly solar) using smart meters
5. **StockPlan Connect (Morgan Stanley):** FINRA accredited wealth management portal allowing its participant to actively maintain vested/ unvested stocks and grants allotted to him by his employer
6. **CodeScan (Morgan Stanley):** Entitlements management at the project and mail-group level
7. **BE Tool (Infosys):** Assist managers to create projections, find opportunities and manage resources
8. **MSVIZ Framework (Morgan Stanley):** Expose Tableau data based on custom filters and the task approval workflow, which is handled by the activity bpm tool integrated with spring and CXF rest web services
9. **Charity Work (Rotaract Club Chandigarh Midtown, Education Mantra, BrainCare Life):** Helping clients in organising social activities and charitable events through digital campaigns, online services, recording user queries, feedbacks and managing website