

# Utpal | Blockchain Engineer

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## PROFILE

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Results-driven, problem-solving engineer with a passion for DeFi space. Proven ability to lead teams, ship production-grade Dapps.

## EDUCATION

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**Jalpaiguri Government Engineering College**  2012 – 2016

*B.Tech in Computer Science and Engineering*

- **Relevant Coursework:** Databases, Algorithms, Formal Languages & Automata Theory, Computer Networks
- **Conducted and published**  research paper on "Using machine learning to identify suspicious patterns in financial data, helping detect fraud more accurately and efficiently".


## SKILLS

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- **Languages:** Solidity, Rust, Javascript, Typescript, Python
- **Technologies:** Web3.js, Foundry, Hardhat, IPFS, Cast, Anvil, Aderyn, Openzeppelin, Cosmwasm, GraphQL, MongoDB, RabbitMQ, Expressjs
- **Cloud & Infrastructure:** Docker, AWS, DigitalOcean

## PROFESSIONAL EXPERIENCE


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**Xionspace | Blockchain Engineer**  09/2024 – present  
Remote


- Developed the NFT marketplace on Xion blockchain using wallet abstraction.
- Organically acquired 120K users, 140K NFTs were minted on testnet


**Stardust Technologies | Co-Founder & CTO** 10/2021 – 09/2024  
Remote


- Built Ariel.money, a perpetual trading platform on terra blockchain
- Raised seed funding of \$300K and launched in private.
- Did a cumulative trading volume of \$1.4M before public launch

**Promenant International Pte Ltd | Co-Founder and CTO**  10/2019 – 11/2020  
Bengaluru, India

- Built **Duke Fortuity** - an eKYC Platform, reduced customer due diligence overhead for client.
- Built Fruit provenance solution, efficiently tracking fruits origin
- Built XCHG, an in game asset exchange platform

**SimplyFI Innovations PTE Ltd | Innovation Engineer**  09/2018 – 09/2019  
Bengaluru, India

- Built Letter of Credit component on blockchain, efficiently reducing operational cost by upto 25%
- Developed Trubloq , curbing unsolicited commercial communication by upto 40% through building consortium of Telecom operators to share data onchain and scrubbing technique.

**Tata Consultancy Services | ASE - Blockchain Engineer**  10/2016 – 08/2018  
Trivandrum, India

- Initiated the blockchain research team in TCS Innovation Labs
- Developed tokenization POC for Delta Airlines, Marriot Hotels.
- Trained 100+ associates in Ethereum, Corda, HLF, Represented TCS at conferences, delivering talks on blockchain.

## ACTIVITIES & ACHIEVEMENTS

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- Participated in EthIndia hackathon.
- Delivered blockchain seminars in colleges and corporate groups.
- Published paper on financial fraud detection using AI and blockchain.