

# T MANAS CHAKRAVARTY

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## SUMMARY

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Final-year B.Tech CSE (Hons.) student at KL University with 9.44 CGPA, specializing in Cybersecurity and Blockchain development. Experienced in building scalable full-stack applications with modern frameworks, smart contracts, and API integrations. Proven track record through 15+ internships at Organizations including Coforge, KPMG India, Snowflake, and Timechain Labs, with multiple hackathon victories in blockchain development.

## SKILLS

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**Languages:** JavaScript, TypeScript, Solidity, Python, Dart, Java, C

**Frameworks:** React.js, Next.js, Angular.js, Flutter, Node.js, NestJS, Svelte, Web3.js, Ethers.js

**Blockchain:** Ethereum, Solana, Polygon, BSV, Monad, Smart Contracts, DeFi Protocols

**Tools:** MongoDB, PostgreSQL, Git, Docker, Linux, Google Cloud, Swagger, Pinata, IPFS

**Other:** API Integration, Automation, Cybersecurity, Vulnerability Assessment

## WORK EXPERIENCE

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### Gen AI Full Stack Developer

Dec 2025 – Present

DVK Communications

Remote

- Developing production-grade Gen AI-powered full-stack applications leveraging cutting-edge AI technologies
- Building scalable backend services and responsive frontend interfaces for AI-driven solutions

### Uniswap Hook Incubator Trainee

Oct 2025 – Present

Atrium Academy

Remote

- Building DeFi infrastructure and Uniswap ecosystem tools for decentralized finance protocols
- Developing custom hooks and integrations for automated market maker (AMM) functionality

### Software Developer

Oct – Nov 2025

GoodBreach

Remote

- Contributed to application growth from MVP to product stage by developing core Android features using Flutter
- Built and optimized full-stack functionalities using Flutter/Dart frontend and Next.js/MongoDB backend

### Software Developer Intern

Aug – Oct 2025

Coforge

Greater Noida, On-site

- Contributed to development and maintenance of Bata's e-commerce platform built on Java Spring framework
- Identified and documented critical bugs; collaborated with team to implement fixes improving site performance

### G&PS DGA Intern

May – Jul 2025

KPMG India

New Delhi, On-site

- Contributed to State Revenue Analytics Dashboard through data analysis and internal documentation
- Prepared detailed RFPs and client presentations, supporting strategic discussions for project acquisition

### Squad Member

Oct 2024 – May 2025

Snowflake

Hyderabad

- Earned Snowflake Developer Badges through active ecosystem contributions and community participation
- Delivered blockchain and data engineering contributions to enhance platform capabilities

<b>Blockchain Developer</b>	Jul 2024 – May 2025
<i>Timechain Labs</i>	Remote
<ul style="list-style-type: none"> <li>Developed and deployed smart contracts on BSV Blockchain with Swagger UI integration</li> <li>Built responsive frontend with Svelte and scalable backend systems using NestJS</li> <li>Led frontend development for Deep Revenue Sharing System MVP, enhancing investor transparency</li> </ul>	

<b>Full Stack Developer</b>	2024
<i>Wallet Hunter Token 2049</i>	Remote
<ul style="list-style-type: none"> <li>Engineered Python backend modules for automation; integrated third-party APIs for wallet tracking</li> <li>Built user-centric React.js interfaces, improving UX and engagement for Web3 applications</li> </ul>	

<b>Evangelist</b>	May – Oct 2024
<i>Oraichain Labs</i>	Remote
<ul style="list-style-type: none"> <li>Contributed to core Oraichain protocol with focus on Rust-based smart contracts</li> <li>Enhanced developer documentation and onboarding experience for new contributors</li> </ul>	

<b>Cybersecurity Intern</b>	2024
<i>Threat Prism</i>	Remote
<ul style="list-style-type: none"> <li>Conducted vulnerability assessments and collaborated with security teams on risk identification</li> </ul>	

## EDUCATION

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<b>B.Tech Computer Science &amp; Engineering (Hons.)</b>	CGPA: 9.44
KL University, Hyderabad	2022 – 2026 (Expected)

**12th Grade (CBSE)** – Gopi Birla Memorial School, Mumbai

**10th Grade (CBSE)** – Orchids International School, Mumbai

## ACHIEVEMENTS

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- RootStock Blockchain Hackathon** – 1st Place
- Monad Blockchain Hackathon** – 2nd Place
- Impact Tech Hackathon** – 1st Place (2x Winner)
- Ripple Hackathon, IIT Bombay** – Runner Up (Top 5)
- Omi Tech Hackathon** – Runner Up
- Jupiverse Hackathon** – 6th Place

## CERTIFICATIONS

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### CEH (Certified Ethical Hacker)

*EC-Council*

Mar 2025 – Apr 2026

Certification No: ECC2095361874

**Skills:** Ethical Hacking, Penetration Testing, Network Security, Vulnerability Assessment, Cybersecurity

[aspen.eccouncil.org/verify](http://aspen.eccouncil.org/verify) – Cert: ECC2095361874



### Advanced Automation Professional Certification

*Automation Anywhere*

Sep 2024 – Sep 2026

Credential ID: 5d12eab7

**Skills:** RPA, Automation 360, Business Process Automation, Bot Development, Enterprise Automation

[credential.net/5d12eab7-9adf-4dbf-af07-92869f2917c6](http://credential.net/5d12eab7-9adf-4dbf-af07-92869f2917c6)



### Essentials Automation Certification

*Automation Anywhere*

Sep 2024 – Sep 2026

Credential ID: 6e42e815

**Skills:** Intelligent Automation, RPA Fundamentals, Automation Basics, Process Automation

[credential.net/6e42e815-2b49-4ffb-9e32-ce51457fb9d0](http://credential.net/6e42e815-2b49-4ffb-9e32-ce51457fb9d0)



## Fortinet Certified Associate Cybersecurity

*Fortinet*

Oct 2024 – Oct 2026

Credential ID: 95ac470f

**Skills:** Authentication, Cybersecurity, VPN, Firewall, FortiGate, IDS, SSL Inspection

[credly.com/badges/95ac470f-0f51-494e-8e41-aef81ec28488](https://credly.com/badges/95ac470f-0f51-494e-8e41-aef81ec28488)



## Fortinet FortiGate 7.4 Operator

*Fortinet (NSE Exam)*

Oct 2024 – No Expiry

Credential ID: 717dde4e

**Skills:** Authentication, Antivirus, Application Control, Firewall, FortiOS, IPS, VPN

[credly.com/badges/717dde4e-de04-414d-8150-9d76828aa6c8](https://credly.com/badges/717dde4e-de04-414d-8150-9d76828aa6c8)



## Red Hat Certified Enterprise Application Developer

*Red Hat*

Jun 2024 – Jun 2027

Credential ID: 81151611

**Skills:** Java Enterprise Edition (JEE), Enterprise Application Development

[credly.com/badges/81151611-6cf3-4aa3-9a09-80296e365cd7](https://credly.com/badges/81151611-6cf3-4aa3-9a09-80296e365cd7)



## AWS Certified Cloud Practitioner

*Amazon Web Services (Foundational)*

Nov 2025 – Nov 2028

Credential ID: b5a80f9a

**Skills:** Cloud Computing, AWS, Cloud Services, Cloud Platform, AWS Certification

[credly.com/badges/b5a80f9a-a8dd-4228-81dd-04b350ae8870](https://credly.com/badges/b5a80f9a-a8dd-4228-81dd-04b350ae8870)



## CCNA: Introduction to Networks

*Cisco Networking Academy (Verified)*

Feb 2025 – No Expiry

Credential ID: 4633adb5

**Skills:** Ethernet, IP Connectivity, Subnetting, IPv4/IPv6, Network Fundamentals, Switching

[credly.com/badges/4633adb5-1da4-4281-aa06-f35a396f7a46](https://credly.com/badges/4633adb5-1da4-4281-aa06-f35a396f7a46)



## AWS Educate Introduction to Generative AI

*Amazon Web Services (Trained)*

Apr 2025 – No Expiry

Credential ID: 064b1d9b

**Skills:** AWS, Generative AI, AI/ML on AWS (Foundational), AWS Cloud

[credly.com/badges/064b1d9b-94fc-4443-afc8-d7ad594a2d38](https://credly.com/badges/064b1d9b-94fc-4443-afc8-d7ad594a2d38)



## Oracle Cloud Infrastructure 2025 Foundations Associate

*Oracle Certified*

Oct 2025

Credential ID: 1Z0-1085-25

**Skills:** OCI, Cloud Infrastructure, Oracle Cloud, Cloud Computing, IaaS, PaaS



## Oracle Cloud Infrastructure 2025 AI Foundations Associate

*Oracle Certified*

Oct 2025

Credential ID: 1Z0-1122-25

**Skills:** OCI AI Services, Machine Learning, AI Foundations, Oracle Cloud, Generative AI



## AWS Academy Cloud Security Builder

*Amazon Web Services (Trained)*

Apr 2025 – No Expiry

Credential ID: be64a166

**Skills:** Data Security, Encryption, Network Security, AWS KMS, CloudWatch, EBS

[credly.com/badges/be64a166-e095-4eb4-8242-f0ebc8b217bf](https://credly.com/badges/be64a166-e095-4eb4-8242-f0ebc8b217bf)



## Lifelong Learning (LLLC)

*Certiprof (Continuous Learner)*

Oct 2024 – No Expiry

Credential ID: e068cdac

**Skills:** Career Development, Lifelong Learning, Growth Mindset, Ethics, Professionalism

[credly.com/badges/e068cdac-c2da-40b8-858e-341efe52fb4a](https://credly.com/badges/e068cdac-c2da-40b8-858e-341efe52fb4a)



## Google Cloud Engineering Certificate

*Google Cloud*

Mar 2025 – No Expiry

Credential ID: 06966232

**Skills:** GCP, Compute Engine, Cloud Storage, Kubernetes, Vertex AI, VPC, DevOps

[credly.com/badges/06966232-376b-464c-b21c-43e67ff0ccb6](https://credly.com/badges/06966232-376b-464c-b21c-43e67ff0ccb6)



## Postman API Fundamentals Student Expert

Postman

**Skills:** API Fundamentals, REST APIs, API Testing, Postman Collections, API Documentation

Mar 2024 – No Expiry

Completed: Mar 29, 2024

## PROJECTS

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### ⌚ ZK-Proof-of-Compliance-Hook

*Solidity, Uniswap v4*

[github.com/tmanas06/ZK-Proof-of-Compliance-Hook](https://github.com/tmanas06/ZK-Proof-of-Compliance-Hook)

- Built Uniswap v4 hook restricting swaps/LP actions to users with zero-knowledge compliance proofs

### ⌚ ZKWhisper – Private Messaging

*TypeScript, ZK-SNARKs*

[github.com/tmanas06/ZKWhisper](https://github.com/tmanas06/ZKWhisper)

- Developed privacy-focused messaging application using zero-knowledge proofs for encrypted communications

### ⌚ AiDeFi – EthGlobal Delhi Hackathon

*TypeScript, Web3*

[github.com/tmanas06/aidefi](https://github.com/tmanas06/aidefi)

- Developed AI-powered DeFi application for intelligent trading and portfolio management

### ⌚ Stacks\_Pay & AptPay – Payment Solutions

*JavaScript, Stacks/Aptos*

[github.com/tmanas06/Stacks\\_Pay | github.com/tmanas06/AptPay](https://github.com/tmanas06/Stacks_Pay | https://github.com/tmanas06/AptPay)

- Built cross-chain payment applications on Stacks and Aptos blockchains for seamless crypto transactions

### ⌚ AlgoHospitConnect – Healthcare Platform

*TypeScript, Algorand*

[github.com/tmanas06/AlgoHospitConnect](https://github.com/tmanas06/AlgoHospitConnect)

- Developed blockchain-based hospital connectivity platform for secure patient data management

### ⌚ Swipe Interview AI

*TypeScript, AI/ML*

[github.com/tmanas06/swipe\\_interview\\_ai](https://github.com/tmanas06/swipe_interview_ai)

- Built AI-powered interview preparation platform with swipe-based UI for practice sessions

### ⌚ Monad Game – On-Chain Gaming dApp

*TypeScript, Monad*

[github.com/tmanas06/monad\\_game](https://github.com/tmanas06/monad_game)

- Built real-time interactive gaming dApp on Monad Blockchain with 3 swipe-based mini-games

### ⌚ Farcaster Games (Bubble Shooter, Snake)

*TypeScript, Farcaster*

[github.com/tmanas06/Bubble\\_Shooter | github.com/tmanas06/snake\\_game\\_farcaster](https://github.com/tmanas06/Bubble_Shooter | https://github.com/tmanas06/snake_game_farcaster)

- Developed mini dApps (Frames) for Farcaster social protocol with on-chain leaderboards

### ⌚ MineSweep Game – Oasis Hackathon

*JavaScript, Oasis*

[github.com/tmanas06/MineSweepGame\\_Oasis\\_hackathon](https://github.com/tmanas06/MineSweepGame_Oasis_hackathon)

- Created blockchain-based minesweeper game with privacy features using Oasis Network

### ⌚ GPS-Runner – Fitness Tracker

*Dart, Flutter*

[github.com/tmanas06/GPS-Runner](https://github.com/tmanas06/GPS-Runner)

- Built mobile fitness tracking app with real-time GPS tracking and workout analytics

### ⌚ Encrypted\_Pad – Secure Notes

*TypeScript*

[github.com/tmanas06/Encrypted\\_Pad](https://github.com/tmanas06/Encrypted_Pad)

- Developed encrypted note-taking application with end-to-end encryption for secure data storage

### ⌚ Home Rental DApp

*Solidity, React.js*

[github.com/tmanas06/Home-Rental-DApp](https://github.com/tmanas06/Home-Rental-DApp)

- Delivered decentralized rental platform with smart contract escrow, reducing disputes by 30%

### ⌚ Revenue Analytics Dashboard

*React.js, Python*

[github.com/tmanas06/Revenue-Analytics-Dashboard](https://github.com/tmanas06/Revenue-Analytics-Dashboard)

- Built scalable dashboard visualizing state-wise revenue data (FY17–FY26) with 99.9% accuracy

## **Wallet\_Dapp – Web3 Wallet**

*TypeScript, Web3.js*

[github.com/tmanas06/Wallet\\_Dapp](https://github.com/tmanas06/Wallet_Dapp)

- Created non-custodial wallet interface with multi-chain support and transaction management

## **Habit Saver**

*Flutter, Dart*

[github.com/tmanas06/Habit\\_saver\\_flutter](https://github.com/tmanas06/Habit_saver_flutter)

- Built habit tracking mobile app for daily routine management with progress analytics

## **Crypto Market Analysis Tool**

*Python*

[github.com/tmanas06/Crypto-Market-Analysis](https://github.com/tmanas06/Crypto-Market-Analysis)

- Developed analytics engine for real-time crypto trends with automated SMS/email alerts