

SUJOY DE

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Education

VIT Bhopal University, Bhopal

B.Tech in Computer Science & Engineering

2022 - 2026

8.89/10 CGPA

Uttarpara Model School (H.S.), Uttarpara, Hooghly, W.B.

2014 - 2022

XII (Higher Secondary)

94%

X (Secondary)

92.8%

Technical Skills

Programming Languages: Python, Rust, Bash, PowerShell, Go

Full Stack Frameworks: React, Next.js, Django, Flask, FastAPI, PostgreSQL, MongoDB, Firebase, Docker

Blockchain Development: IPFS, Solidity, Ethereum, Foundry-RS, Wagmi

Work Experience

Software Development Intern

March 2025 - Present

VisaKwik

Remote

- Applied **AES-256** encryption for 100% of stored data and secured 30+ backend endpoints with API key authentication.
- Built adaptive form management system with support for 50+ field types, 10+ section templates, and 30+ conditional rules, fully integrated at backend and database level.
- Devised scalable email parsing via **DNS MX records** and webhooks, auto-extracting and storing traveler data from 1000+ emails/month.

Projects

Crypto Quest: Blockchain Knowledge Platform

[Link](#)

- Spearheaded a **Web3** learning platform featuring 2 interactive blockchain games.
- Architected Game 0 (MCQ quiz) and Game 1 (smart contract interaction) using **Next.js**, **Wagmi** & **Viem**.
- Streamlined on-chain calls to minimize user wait times and improve responsiveness.

KeySafe Vault: Secure Vault for Password and File Management

[Source Code](#)

- Directed a team of 5 to develop a secure vault focusing on high security and user convenience.
- Constructed backend with **Django** and **PostgreSQL**, and integrated **Node.js** with **MongoDB** for scalability.
- Composed a responsive front-end using **React** and deployed with **Docker** for consistent performance.

CertifyHub: Certificate Generation and Validation System

[Source Code](#)

- Established a certificate system using **Solidity** smart contracts on Ethereum for secure issuance and validation.
- Enabled unique, tamper-proof certificates with public verification to enhance trust.

Certifications

- AWS Academy Cloud Foundations** — *Amazon Web Services Training and Certification*
- AWS Academy Cloud Architecting** — *Amazon Web Services Training and Certification*

Achievements

- LeetCode Knight with rating of 2000+
- Ranked **40** among 300+ teams in **Apoorvctf 2024** by *IIIT Kottayam*

Leadership

GDG on Campus - VIT Bhopal

Blockchain Team Lead

- Led the Blockchain Team for GDG on Campus** Managed blockchain-related projects and mentored team members in advanced blockchain technologies.

Cyber Warrior Club

R&D Lead

[Appointment Letter](#)

- Led the R&D Department of Cyber Warriors Club** Led a team of researchers in exploring and developing innovative cybersecurity solutions.