

# Pushkar Singh

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## Education

### VIT Bhopal University, Bhopal

B. Tech in Computer Science & Engineering, Specialization in Cyber Security and Digital Forensics

2022 - 2026

8.38/10 CGPA

## Technical Skills

**Programming Languages:** Java, Python, HTML, CSS JavaScript

**Full Stack Frameworks:** React, Next.js, MySQL

**Languages:** Fluent in Hindi, English

**Blockchain Development:** Solidity, Ethereum

## Projects

### Crowd\$: A Web3 Blockchain Crowdfunding Platform (Blockchain Development)

Dec 24

- Implemented smart contracts using Solidity for managing certificate issuance and verification on the Ethereum blockchain, leveraging blockchain's immutability.
- Provided functions with the help of ThirdWeb SDK to create new campaigns and manage them with payments.
- Built a responsive front-end using React, providing a seamless and intuitive user experience across various devices.
- Utilized MetaMask and ThirdWeb for managing wallets and block chain payments.
- Contributed as a part of a 4-person team focused on blockchain focused app.

### CareConnect: HealthCare application (Full Stack Development)

Feb 25 – May 25

- Developed a full-stack healthcare web application using React.js, HTML, and CSS, boosting patient-doctor engagement by 40% through streamlined communication features.
- Integrated Twilio for real-time appointment alerts and leveraged Appwrite for backend operations, cutting latency by 20% and optimizing data workflows.
- Built a responsive UI/UX that drove 90% user satisfaction within the first two months post-launch.

### BlockSecure : Block chain File Verification System

July 25

- Developed core blockchain components using Solidity, creating smart contracts for immutable file verification
- Implemented SHA-256 hashing to ensure tamper-proof file integrity on Ethereum network
- Optimized transaction efficiency, reducing gas costs by 40% through batch processing techniques

## Achievements

- Hack Z'24 - Collaborated in the Hack Z'24 hackathon organized by the CSEA of Anna University Chennai developing a real-time crowdfunding platform termed as Crowd\$ and also won the first track prize in Blockchain Track.

Dec 24

## Certifications

- Completed Certified Ethical Hacker CEH v12 by EC- Council and Secured 121/125 marks.
- Completed IBM Blockchain Developer by IBM

Dec 24

Apr 25

## Co-curricular

- Led a peer team to First Prize in the Blockchain Track at Hack Z'24, a national-level hackathon hosted by Anna University, Chennai, standing out among 500+ submissions from 324+ colleges as part of a co-curricular achievement.
- Participated as team member in Smart India Hackathon 2024 and created an AYUSH Startup Registration Portal aims to streamline the registration process for startups.

## Extracurricular

### Keyboard Piano

- Professionally trained in playing Keyboard Piano with Senior Diploma from Prayag Sangeet Samiti and performed in various events.

### Football Player

- Participated as goalkeeper in inter school and district level football tournaments.