

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

8.1/10 CGPA

The Aryan International School, Varanasi, U.P.

Intermediate XII (Senior-secondary)

2008 - 2022

82.4%

High School X (Secondary)

84.2%

Technical Skills

Programming Languages: Java, Python, HTML, CSS JavaScript

Full Stack Frameworks: React, React Native, Next.JS, MySQL

Languages: Fluent in Hindi, English

Blockchain Development: Solidity, Ethereum

Projects

Cash\$: A Web3 Blockchain Crowdfunding Platform

- With a team of just two people in the development we created a crowdfunding platform and to make it secure and transparent its payment was based on blockchain.
- 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.

Pass Guardian

- Engineered a comprehensive password management system with strict policies, improving cybersecurity awareness by 30% and reducing security breaches by 25% in the first quarter.
- Developed a cross-platform Flutter and Dart app, achieving 95% user satisfaction, while collaborating in a 5-member team to design and implement the front end.

Flexible

- **Developed a comprehensive company website:** Utilized Typescript, JavaScript, and HTML to create a dynamic and interactive website for the company named Flexible, showcasing its services and offerings.
- **Implemented robust backend with Graph base and SQL:** Integrated innovative graph-based solutions alongside traditional SQL databases resulting in tripled efficiencies for handling complex queries and providing users with near-instantaneous access to critical information without delays.
- **Designed with CSS for a professional look and feel:** Applied CSS to create an aesthetically pleasing and professional website design, enhancing user experience and visual appeal.

Certifications

Google IT Professional Certificate

- **The Bits and Bytes of Computer Networking** — Google achieved a grade of 93.50%. An in-depth study on the fundamentals and advanced concepts of computer networking.

CEHv12

- Achieve 121/125 in CEHv12 exam.

Foundations of Cyber-Physical Systems (NPTEL)

- — Secured 60% Participation Certificate

Achievements

- Won the Block chain Track in HackZ'24 organized by the CSEA of Anna University Chennai
- FlipKart Grid – Season 5 and got participation certificate
- Completed “Cyber Security Essentials in Industry Perspectives