

Ritu Vyas

Computer Science Student

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🐙 [GitHub Profile](#)

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PERSONAL PROFILE

I am a final year Undergraduate Computer Science student at Parul University. I am interested in Web Development. I am familiar with React.js framework. I am also learning Blockchain Technology and aspire to be a full-stack Blockchain Developer. My core skills include problem-solving, DSA, and C++ programming.

EDUCATION

- **Parul Institute of Engineering and Technology** 2024
B.Tech Computer Science and Engineering CGPA: 8.80
- **Green Valley High School** 2020
CBSE, Gujarat Percentage: 82.2
- **The Aditya Birla Public School** 2018
CBSE, Gujarat Percentage: 95.8

TECHNICAL SKILLS AND INTERESTS

Languages: Python, C/C++, HTML/CSS, JavaScript, SQL, Solidity

Frameworks: React.js, Node.js

Soft Skills: Time Management, Teamwork, Problem-solving, Documentation, Engaging Presentation

Coursework: Programming, Mobile Application Development, Structures and Algorithm, Compilers, Operating Systems

PROJECTS

•Decentralized Storage

Decentralized Storage System

- Tools & technologies used: Node.js, IPFS, Web3Storage
- This project is focused on learning to store large data files on a blockchain. This aids the storage and retrieval of files on the blockchain using CID or hash ID generated when the files are uploaded on the storage system. The major learning of this project of decentralized storage of data.

•Portfolio

This is my online Portfolio.

- Tools & technologies used: Bootstrap, HTML, CSS
- Designed and developed dynamic and responsive portfolio using HTML, CSS, Bootstrap. This portfolio showcases the projects and work I have created and also shows my skills and experience. The objective to create this portfolio was learning of frontend skills as well as creating a personalized online portfolio.

•DeVerse

A decentralized Publishing platform.

- Tools & technologies used: React.js, IPFS, Solidity
- This is my university project focusing on the major challenge of authenticity and integrity of content published online. My role in the project was to design a system to store the large files while improving the upload and retrieval processing time without effecting the efficiency of the system.

CERTIFICATIONS

- **Basics of Python**, Infosys Springboard
 - **Cybersecurity Essentials**, Cisco Networking Academy
 - **The Complete Ethereum Blockchain Course**, Infosys Springboard
 - **Solidity Smart Contract Programming for Ethereum Blockchain**, Infosys Springboard
 - **Azure Fundamentals**, Microsoft
 - **Power Platform Fundamentals**, Microsoft
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