

# VIDHI SINGH

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## EDUCATION

### Bachelors of Technology in Computer Science and Engineering

September 2022 - May 2026

SRM Institute of Science and Technology

Relevant Courses: **Data Structures and Algorithms**, Operating Systems, Database Management Systems, **Blockchain Infrastructure and Smart Contracts**, Discrete Mathematics

## SKILLS

### Languages

Java, C, C++, Python, JavaScript, HTML, CSS

### Frameworks

React.js, Tailwind CSS, Node.js, Express.js

### Developer/Cloud Tools

Git, GitHub, Figma, WordPress, MS Office, AWS, MongoDB, SEO

## EXPERIENCE

### Technical Team Member

November 2023 - Present

Blockchain Club SRM

*On-site*

- Created interactive web pages using Three.js for visual elements and Tailwind CSS for responsive design.
- Participated in code reviews and debugging sessions, ensuring high-quality code standards and performance.
- Enhanced the club website using Redux for cache management and designed interactive sponsor cards with React Tilt.

### AWS Cloud Computation Intern

January 2024 - February 2024

AICTE

*Remote*

- Formed a foundationa understanding of deploying, managing, and operating on the cloud.
- Gained hands-on experience with AWS services, cloud concepts, security, architecture, pricing, and support.
- Completed training on AWS cloud fundamentals, earning the AWS Cloud Foundation badge.

## PROJECTS

### SDG NFT | React.js, Node.js, Express.js, MongoDB, Tailwind CSS, Solidity, OAuth, IPFS | [Repo Link](#) | [Project Link](#)

- Developed a platform to verify SDG achievements and issue NFT-based certification & CSR scores.
- Integrated MongoDB & IPFS for decentralized storage and OAuth authentication for secure access.
- Built a Verifier Dashboard with a public ledger API for stakeholder transparency.

### ReportEase | Python, React.js, Flask, Node.js, Express.js, Chart.js | [Repo Link](#) | [Project Link](#)

- Won 3rd place overall with problem statement: "FIR analysis using AI/ML" in Rajasthan Police Hackathon 1.0.
- Developed an AI-based FIR analysis tool integrated with Mistral-AI and Tesseract-OCR for IPC & CrPC suggestions.
- Created a dashboard for Crime Analytics using CCTNS with 98% accuracy.

### Velocity | React, Firebase, Tailwind CSS, Solidity, IPFS | [Repo Link](#) | [Project Link](#)

- Won track prize in Shardeum problem statement: "Most Optimized use of Shardeum Testnet for Social Platform."
- Built smart contracts on Polygon for NFT creation and a secure bounty system.
- Implemented IPFS for reliable storage of platform data, including bounties and social media content.

## ACHIEVEMENTS

- Rajasthan Police Hackathon 1.0: 1st place in problem statement, 2nd runner-up among 1,665 teams.
- Layer 2.0 Hackathon: Winner of Shardeum Track.
- Barclays Project Expo: 1st prize among 200 participating teams.