

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, Supabase, AWS, WordPress, MS Office, MongoDB, SEO

EXPERIENCE

Fullstack Intern

June 2025 - September 2025

Catalystix

Remote

- Architected and deployed full-stack AI agents using Node.js and React, integrating LLM APIs to create interactive solutions.
- Engineered an A/B testing framework in Next.js that increased average client conversion rates by 50%.
- Developed and deployed scalable RESTful APIs on AWS, ensuring high availability for thousands of daily user interactions.

Frontend Intern

December 2024 - May 2025

Sector 11

Remote

- Developed e-commerce features from search to checkout, reducing cart abandonment by 40% through optimization.
- Optimized React components and MongoDB queries, reducing page load time by 70% across platform.

AWS Cloud Computation Intern

January 2024 - February 2024

AICTE

Remote

- Deployed web application on AWS using EC2 and S3, validating cloud architecture understanding.
- Applied AWS security and networking concepts including IAM, VPC, and cost-management to hands-on project.

PROJECTS

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

- Built platform for verifying SDG achievements, issuing NFT-based certifications and CSR scores with OAuth.
- Integrated MongoDB and IPFS for decentralized storage with public ledger API for stakeholder transparency.

SecureSwap | Solidity, React.js, Next.js, Ethers.js, Tailwind CSS, TypeScript | [Repo Link](#) | [Project Link](#)

- Developed decentralized P2P escrow platform handling 100+ transactions with zero disputes using Solidity contracts.
- Implemented automated fund release with 5-minute time-locks, reducing manual intervention by 95% for security.

DAO Voting Platform | Solidity, React, Ethers.js, Polygon, MetaMask | [Repo Link](#) | [Project Link](#)

- Engineered full-stack DAO governance platform with secure Solidity contracts featuring time-locked proposals and fair voting.
- Built responsive React frontend with MetaMask integration for real-time vote tracking and gas estimation.

LEADERSHIP / EXTRACURRICULAR

Tech Associate

October 2024 - July 2025

Blockchain Club

Tamil Nadu, India

- Organized blockchain workshops and hackathons, mentoring 50+ students in smart contract development annually.
- Represented club at ETH Global, ETH India and Solana HackerHouse, fostering industry connections and partnerships.

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.