Devansh Shrivastava

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EDUCATION

B.Tech, Computer Science & Engineering | *Nov 2021 - July 2025*
Bhilai Institute of Technology, Durg (C.G.) | **CPI: 8.7**

12th CBSE, Science | *Jun 2007 - Mar 2021*
St. Francis Sn. Sec School, Bilaspur (C.G.) | **Percentage: 94**

PROFESSIONAL EXPERIENCE

Indian Institute of Technology, Bhilai | *July 2024 – Jun 2025*
Blockchain Project Intern | Hybrid

Project Title: "Design and Implementation of a P2P Solar Energy Trading Platform"
Outcome:

- Develop a decentralized finance (DeFi) application and design the software architecture for a Solar Energy Trading Project.
- Built smart contracts using Solidity to facilitate secure energy and financial transactions between producers and consumers, potentially reducing successful attacks by 70% compared to traditional systems.
- Program test and development scripts using Hardhat, ensuring code reliability and functionality.

International Institute of Information Technology, Hyderabad | *Jan 2025 – Mar 2025*
Research Intern | Hybrid

Area of Research: "UAVs Security"
Research Group: "Computer Systems Group"
Outcome:

- Analyzed command transmission delays in multiple quantum cryptographic schemes.
- Implemented NIST-standardized Post-Quantum Cryptography for secure UAV communication.
- Optimized power consumption through Task Scheduling on Raspberry Pi.

PROJECTS

Veldora: Discover Your NFT (Link)
Tech Stack: Solidity, ERC-721, ethers.js, React, TailwindCSS
- Users stake NFTs of varying rarities to earn points, with higher rarities yielding better rewards.
- Supports upgrades using in-game items to boost NFT rarity.
- Interactive UI with wallet integration and animated visual feedback for staking/minting actions.

MedC: Connecting Careers, Healing Lives (Link)
Tech Stack: Node.js, Express.js, React+Vite, TailwindCSS, MongoDB
- Simplifying the Job Search
- Networking Opportunities by connecting with peers, mentors, and industry leaders.
- The blogs section provides resources and insights.

DApp Task Keeper: Platform to store your tasks securely (Link)
Tech Stack: Solidity, Foundry, ethers.js, React, TailwindCSS
- A CRUD-based decentralized application to manage user tasks on the blockchain.
- Provides users with real-time Ethereum gas estimates to track transaction costs.
- User-friendly interface with clear task organization and status indicators.

TECHNICAL SKILLS

Development: React, Node, Express, TailwindCSS, Git, GitHub
Blockchain: ethers.js, Solidity, Hardhat, Foundry
Database: MongoDB
Programming Language: Java