

Education	University	Institute	Year	CPI/%
Graduation	GGSIPU	BPIT	2023–2027	9.108

## ABOUT

Expertise has been developed in **Web3 and full-stack development**, including smart contract design, dApp development, and responsive web applications. Proficiency has been gained in Solidity, Ethereum, Web3.js, Hardhat, Truffle, React.js, Next.js, Node.js, and MongoDB, with experience in ERC-20/ERC-721 token standards, wallet integration, secure transaction flows, and REST/GraphQL APIs. Knowledge has been applied to scalability, layer-2 solutions, and decentralized storage (IPFS, Filecoin).

Competitive problem-solving skills have been demonstrated through 400+ coding challenges, achieving **Codeforces Pupil (CR 1236, Max 1246)** and **LeetCode Top 9.77% (Contest Rating 1751)**, applied to optimized blockchain and web solutions.

## PROJECTS

- **SIG – Sovereign Identity Guardian** [GitHub](#) || (2025)  
(AI-powered crypto transaction scanner)
  - Privacy-preserving AI security scanning was implemented with TensorFlow.js and local transaction analysis for malicious intent detection.
  - Zero-Knowledge Proof threat intelligence sharing was developed using Circom, SnarkJS, and IPFS for anonymous community threat reporting.
  - Browser extension with real-time wallet integration was built using React/TypeScript, Chrome Extension APIs, and Ethers.js for seamless security overlay injection
  - Decentralized threat intelligence infrastructure was created with IPFS storage, ZK-proof verification, and periodic community database synchronization.
  - Technology stack : React 18, Typescript, Web3.js, Node.js, Express, MongoDB, JWT authentication, python with scikit-learn (Random Forest classifier + TF-IDF vectorization).
- **BeatCode** (2025)  
(AI enhanced coding platform)
  - AI-driven code assistance was integrated using OpenAI API to provide real-time hints, bug detection, and solution optimization.
  - Interactive coding challenges and personalized learning paths were generated dynamically with the help of Next.js, Node.js, and MongoDB.
  - A responsive and user-friendly interface was developed using React.js and Tailwind CSS, ensuring smooth cross-platform accessibility.
- **Game Mania** [GitHub](#) || (2025)  
(Online gaming platform)
  - Real-time multiplayer gaming and matchmaking were facilitated using Node.js, Socket.IO, and WebRTC
  - User engagement features such as leaderboards, achievements, and reward systems were implemented with MongoDB and Express.js.
  - A responsive and immersive UI was developed using React.js, Next.js, and Tailwind CSS for smooth cross-device experiences.

## TECHNICAL SKILLS

- **Programming languages & Web development :** JavaScript, TypeScript, C++, Rust, Solidity, HTML, CSS, Tailwind CSS, React.js, WebRTC, WebSocket, Node.js, Express, REST APIs, GraphQL, Next.js, MongoDB, Redis, PostgreSQL
- **Web3 & development tools:** Ether.js, Web3.js, Hardhat, Truffle, Metamask, Remix IDE, Git, Docker, Nginx, Postman

## ACHIEVEMENTS & POSITIONS OF RESPONSIBILITY

- Intern at JCB India LTD. (June – July 2025)
- Senior Tech. Member at namespace Community. (Nov. 2024 – Present)
- Finished 4<sup>th</sup> at HACKVERSE'25 at IILM University.
- Participated in SIH'25.
- Participated in STATATHON'25.