

TARUN KUMAR TIWARI

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GitHub

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LinkedIn

Portfolio

EXPERIENCE

To-Let-Globe

Aug 2024 - Oct 2024

Frontend Developer Intern

Lucknow

- Maintained and enhanced the company website by creating new features and optimizing performance.
- Developed and implemented reusable, responsive, and modular UI components.
- Collaborated with designers and backend developers to ensure seamless integration and user experience.

Aurelion Enterprise

June 2025 - Present

Full Stack Development Intern

Vijaypur(KAR)

- Implementing and deploying Future and Options Trading Strategies.
- Developing Full Stack financial markets tools.
- Conducted fundamental and technical analysis of stocks to identify investment opportunities

EDUCATION

Madhav Institute of Technology and Science Gwalior

2022-2026

BTech in Artificial Intelligence and Robotics

CGPA: 8

Kendriya Vidyalaya No. 4, AFS Maharajpura, Gwalior

2021-22

Higher Secondary Education (12th Grade)

Percentage: 90

TECHNICAL SKILLS AND INTERESTS

Computer languages: C++, Python, HTML, CSS, Javascript, Solidity

Frameworks and Libraries: Tailwind CSS, Bootstrap, ReactJS, NodeJS, ExpressJS, Redux, NextJS, Numpy, Pandas, Matplotlib, Seaborn, Sklearn, OpenCV, OpenZeppelin, EtherJS, Web3JS

Blockchain Development Tools: Truffle, Ganache, Hardhat, Smart Contracts, RemixIDE, Metamask, Sepolia Testnet

Databases: MongoDB, SQL, IPFS

Version Control and Collaboration: Git, Github

Languages Known: Hindi, English

Hobbies and Interest : Cryptocurrency, Blockchain, Reading, Sports and Games

PROJECTS

Ethereum-Based Crowdfunding DApp

A decentralized platform enabling users to create and manage fundraising campaigns using ETH and USDT.

- Developed a fully decentralized crowdfunding platform using **Solidity**, **React.js**, and **Ethers.js**.
- Integrated **IPFS** for decentralized storage of campaign metadata such as name, description, and image.
- Implemented secure fund withdrawal and automatic refund mechanisms based on campaign success.
- Enabled seamless wallet interaction through **MetaMask** using Ethers.js.

Ethereum-Based Election Voting DApp

A transparent and tamper-proof voting system deployed on the Ethereum blockchain.

- Built a decentralized voting platform using **Solidity**, **React.js**, and **Ethers.js**.
- Implemented one-person-one-vote logic to prevent double voting using smart contract validation.
- Displayed real-time voting results stored securely on the blockchain for full transparency.
- Integrated **MetaMask** for secure user authentication and vote casting.

Blog Web Application

A responsive and feature-rich blogging platform built with a modern tech stack.

- Developed a full-stack blog app using **React.js**, **Redux Toolkit**, and **Appwrite** for backend services.
- Integrated **TinyMCE** editor for rich text post creation, editing, and deletion.
- Implemented secure user registration, login, and session handling with form validation.
- Used **Tailwind CSS** for styling and **Git** for version control throughout development.