

## TARUN KUMAR TIWARI

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Gwalior Madhya Pradesh (INDIA)

GitHub

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## EDUCATION

- Madhav Institute of Technology and Science Gwalior** 2022-2026  
*BTech in Artificial Intelligence and Robotics* CGPA: 8.1
- Kendriya Vidyalaya No. 4, AFS Maharajpura, Gwalior** 2021-22  
*Higher Secondary Education (12th Grade)* Percentage: 90
- Kendriya Vidyalaya No. 4, AFS Maharajpura, Gwalior** 2019-20  
*Secondary Education (10th Grade)* Percentage: 88

## EXPERIENCE

- To-Let-Globe** Aug 2024 - Oct 2024  
*Frontend Developer Intern* Lucknow  
**Responsibilities**
  - \* 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.
  - \* Debugged and resolved UI issues, improving website functionality and user satisfaction.

## TECHNICAL SKILLS AND INTERESTS

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

**Frameworks and Libraries:** ReactJS, NodeJS, ExpressJS, Redux, NextJS

**Blockchain Development Tools:** Truffle, Ganache, Web3, Smart Contracts

**Styling Tools and Frameworks:** Tailwind CSS, Bootstrap

**Databases:** MongoDB, SQL

**Version Control and Collaboration:** Git, Github

**Languages Known:** Hindi, English

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

## PERSONAL PROJECTS

- Ethereum-Based Crowdfunding DApp**  
*A decentralized crowdfunding application enabling users to create, contribute to, and manage fundraising campaigns.*  
**Tools & technologies used:**
  - \* **Smart Contracts:** Solidity for writing secure and efficient blockchain logic.
  - \* **Storage:** IPFS for decentralized storage of campaign metadata (name, description, image, etc.).
  - \* **Frontend Integration:** React.js, Ethers.js and MetaMask for seamless blockchain interactions.**Functionalities:**
  - \* **Campaign Management:** Users can create crowdfunding campaigns and receive contributions in ETH and USDT.
  - \* **Fund Withdrawal:** Campaign creators can withdraw funds with a single click upon successful project completion.
  - \* **Refund Mechanism:** Contributors can claim a refund if a project fails to reach its funding target.

- **Ethereum-Based Election Voting DApp**

*A decentralized and transparent voting system enabling users to securely cast votes for their preferred candidates.*

**Tools & technologies used:**

- \* **Smart Contracts:** Solidity for writing secure and tamper-proof voting logic.
- \* **Frontend Integration:** React.js, Ethers.js and MetaMask for seamless blockchain interactions.

**Functionalities:**

- \* **Secure Voting:** Users can cast votes for their favorite candidates, ensuring transparency and immutability.
- \* **One-Person-One-Vote:** Smart contract logic enforces that each user can vote only once.
- \* **Real-Time Results:** Election results are updated in real-time and stored securely on the blockchain.
- \* **Tamper-Proof System:** All votes are recorded on the Ethereum blockchain, preventing manipulation or fraud.

- **Blog Web Application**

*An innovative web application designed to provide a seamless blogging experience.*

**Tools & technologies used:**

- \* **Frontend:** React.js, Redux Toolkit, React-Redux, React Router DOM, TinyMCE, React Hook Form.
- \* **Backend:** Appwrite (for authentication and database services).
- \* **Additional Tools:** Tailwind CSS for styling, Git for version control.

**Functionalities:**

- \* **User Management:** full-featured blog platform allowing users to register, log in, and manage their blog posts.
- \* **Post Management:** Enabled users to create, edit, and delete blog posts using a rich text editor (TinyMCE).
- \* **Additional Tools:** Tailwind CSS for styling, Git for version control.

## ACHIEVEMENTS

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- Achieved 90 Percent in CBSE Class 12 Board Exam and secured 2nd rank at Kendriya Vidyalaya No. 4
- Got commendable 99.34 Percentile in CUET(UG) 2022