

Dhruv Rishishwar

GitHub: Sneakyhydra | **Portfolio** | **LinkedIn:** dhruvrishishwar
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Education

Indian Institute of Information Technology

Jabalpur, India

B.Tech in Computer Science & Engineering, CPI: 9.0/10.0

November 2020 – April 2024 (Expected)

- **Relevant Coursework:** Algorithms, Data Structures, Database Management System, Object-Oriented Programming, Operating System, Computer Networks, Artificial Intelligence, Software Engineering

Experience

Fusion

January 2023 – April 2023

IIITDM Jabalpur

- Led development of GAD-5 module in Fusion ERP system, focused on admin interfaces and dashboard
- Improved dashboard responsiveness using custom grids and authored instructions for making the website responsive without Semantic CSS
- Reviewed SRS, collaborated with team members to create a user-friendly dashboard for different users

Projects

Portfolio | Next — [Github](#), [Deployed](#)

December 2023

- Crafted a mobile-optimized portfolio website for seamless user experience
- Embedded live project demonstrations within portfolio
- Integrated MD File Display for Projects and Blog Entries

Sentinel | Python — [Github](#)

February 2023

- Constructed a voice assistant with offline speech recognition capabilities
- Optimized shortcuts for listening, calibrating, and toggling to elevate usability and user experience
- Engineered an independent pop-up window to exhibit identified commands at the bottom right when activated

StakeMate | React, JavaScript, Node, Solidity, Truffle — [Github](#)

March 2022

- Enabled decentralised staking in the app's own Tether currency through a user's Web3 wallet for added security and flexibility
- Streamlined the process for depositing and withdrawing funds to ensure a hassle-free experience for users
- Implemented a reward system that allows users to earn tokens every 20 seconds by staking at least 50 Tethers

On The Way | React, JavaScript, Node, MySQL — [Github](#), [Deployed](#)

September 2021 - November 2021

- Established a counseling system for students to connect with preferred counselors for mental health support
- Installed authentication and authorization features to guarantee secure access for students, counselors, and admins
- Developed and integrated a fundamental psychological test to facilitate better mental health analysis for students

Technical Skills

- **Languages:** Python, C++, JavaScript, Golang, Solidity
- **Web Development:** React, Next, Node, Express, Redux
- **Blockchain Development:** Web3.js, Truffle, Hardhat
- **Database:** SQL, MongoDB
- **Tools:** Docker, Git, Github

Volunteering

Member @ The Programming Club

January 2021 – Present

IIITDM Jabalpur

Jabalpur, India

- Facilitated the organization of more than 10 events to strengthen the coding culture in the institute
- Mentored 100s of students to help them get comfortable with various programming paradigms