**RISHITA SHAW**

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**PROFESSIONAL EXPERIENCE**

The STEMM Factor, New DelhiNov 2021 – Present

**Technical Lead (Tech Team)**

* Designed & Engineered the front-end of the official website using ReactJS, redux and other libraries.
* Led the transition to a paperless practice by implementing an electronic blogging system which increased efficiency and overall performance.

Freelance, remoteDec 2021 – Feb 2022

**Freelancer Web Developer**

* Built the front-end for a range of freelance web projects using React, Material UI, and GSAP.
* Adhered to SEO best practices while architecting web apps and leveraged SSR.
* Created a zero-dep web framework for single-page applications (SPAs) with resource-loading optimization, social login/registration via multiple networks as well as plugins for data visualizations.

HomeDrop, remote, IndiaJul 2021 – Dec 2021

**Frontend Intern**

* Designed, executed, and optimized UI components using ReactJS, redux and material UI.
* Managed redevelopment of the internal ordering system in use by vendors, resulting in new features.
* Responsible for software maintenance across the codebase. Required a wide understanding of the internals of the software and systems.

IEEE SB NIT Durgapur, Durgapur, India Jul 2021 – Aug 2021

**Frontend Development Project Intern**

* Orchestrated a dashboard for the admin users along with managing and Building the UI components using material UI, ReactJS.
* Enhanced security by implementing protected routing and building custom hooks for authentication listeners for a better and safer user experience.
* Used by more than 3000 students at NIT Durgapur resulting in the transition to a paperless practice for research application processes.

**EDUCATION**

National Institute of Technology**,** Durgapur, India2020-2024

**Bachelor of Technology, Electrical Engineering**

* Cumulative Grade Point Average: 8.71/10 (till 4th sem)

**ACHIEVEMENTS & RESEARCH**

**Achievements:**

* Runner up at the Microsoft Imagine Cup India Championship 2022.
* Finalist Azure Women Hackathon 2022 by Microsoft. Shortlisted from a pool of 4200+ candidates.
* Finalist in Smart India Hackathon 2022 for the problem statement DK734
* Finalist in ION<athon> 1.0 by ION. Top 10 among the 3000+ teams.
* 2nd Runner Up & Filecoin track winner at the Hack-O-Uplift Hackathon 2021

**Research Publications:**

* Conceptualized Design and Implemented FIDO2 compatible Smart Medical Card for Healthcare Information System under Prof. Sibi Chakkaravarthy Sethuraman (Jan 2022 - ongoing)
* Gestated Design and Application of FIDO2 compatible Smart Card for Decentralized Financial Transaction System under Prof. Sibi Chakkaravarthy Sethuraman (Mar 2022 - ongoing)

**Certifications:**

* Microsoft Azure Data Fundamentals [(DP 900)](https://www.credly.com/badges/ca66e5aa-445d-4e4c-aa2c-32a0f59081bd/public_url)

**PERSONAL PROJECTS**

WebApp Dec 2021

**Reverse Proxy | Seamless Web-Based Anti-Proxy Attendance System using FIDO2**

* Modeled a system that simplifies student attendance and prevents malpractices, ensuring security by implementing FIDO2 protocols.
* Developed using Azure VMs, Azure disk, and FIDO2 in addition to the flask, HTML/CSS/JS, and other python-based libraries.[*Reverse Proxy*](https://github.com/rishitashaw/Reverse_Proxy)

Ethereum DApp Sep 2021

**Victus | The Health Assistance**

* Implemented blockchain technology for keeping track of a person’s medical history, which is built on Ethereum and aims at helping out clients for maintaining their records and safeguarding them against any fraud. Clients can freely store their prescriptions, bills, and reports in this dapp without the fear of them getting misplaced.
* Engineering using Solidity, IPFS, MetaMask, Ethereum, Web3, React.js, Truffle Suite, Bootstrap, Polygon, and SAWO labs. [*Victus (DApp)*](https://github.com/rishitashaw/Victus-health-assistant)

**SKILLS & OTHER**

**Skills:** C++, Python, JavaScript, ReactJS, Django, PostgreSQL, GoLang, Azure, Docker, Git/Github.

**Position of Responsibility:** Coordinated institute-wide events for hundreds of people as Multimedia Head at Prakriti NIT Dgp (April 2021-present) & Fullstack web developer at Institute Innovation and Incubation Council (August 2021-present). Co-founded [Code2Opensource](https://code2opensource.pages.dev/), an open-source coding community.