

# Mohit Aasirwal

+91 88151 69093 | mohitaasirwal@gmail.com | mohitaasirwal.tech | github.com/Mohit-Aasirwal |  
linkedin.com/in/mohit-aasirwal-478466223/ | @AasirwalMohit

## Education

7.5/10.0 **B.Tech in Information Technology**, Institute of Engineering and Technology - DAVV | Indore, M.P.

2021-25

**Courses:** Data Structures and Algorithms, Object Oriented Programming, Computer Networking, Web Technologies, Software Engineering, Operating Systems, Database Management Systems, Compiler Design, Mathematics and Statistics

## Technical Skills

<b>Programming Languages</b>	Javascript(ES5/ES6), Typescript(Used Extensively for programming), C/C++, Java, Python, Solidity, Coco etc.
<b>Front-End Technologies</b>	NextJS, Svelte, Vite, ThreeJS, BabylonJS, React Native(Expo) etc.
<b>Back-End Technologies</b>	NodeJS, ExpressJS, NestJS, WebRTC, SocketIO, D3.js, RabbitMQ, GraphQL APIs etc.
<b>Databases</b>	MongoDB, Redis, Firebase, Postgres etc.
<b>Miscellaneous</b>	Docker, Kubernetes, AWS, Jest, Git, Hardhat etc.
<b>Certifications</b>	CS120 : Bitcoin for Developers, Saylor Academy – (2023)   PRDV151 : Bitcoin for Everybody – (2023)

## Experience

**Peruse, Frontend Developer** | Remote

November 2023 - Present

- Worked extensively to make MVP for the Peruse Organization. developed Frontend with NextJS for the organization.
- The product focuses on minimizing the cumbersome job of HR Manager with help of toolkit provided for **easier recruitment** process.
- Optimized the system to **90%** with best coding practices in NextJS and **Typescript**, extensively **tested** the system.

**XROS Fellowship, Frontend Developer** | Motion Design and Play, Perth, Australia (Remote)

Apr 2023 - Jul 2023

- Selected as **top 100 fellow out of 10k applications** under the XROS Fellowship program hosted by **Meta, NeGD, the Government of India, and FICCI**
- Contributed to the frontend and migration of the project from **vanilla JS to NextJS**. (Typescript).
- Gained a deep understanding of **Extended Reality** and real-world applications, leading innovation on the Organization using **BabylonJS** and its substituents.
- Gained a stipend of **4 Lakh INR** over three months of fellowship.

**PeerDesk, Full Stack Developer** | Vancouver, Canada (Remote)

Jan 2023 - May 2023

- Setting up the frontend with the necessary dependencies and developing the UI, Setting up the tests with Jest and creating **component library**
- worked in research and analysis part of project, extensively **conducted user research, use case analysis, project planning and architecture development** meetings.

## Projects

**DAVV Admin**

Jan 2024 - May 2024

Administration panel for **DAVV grievance redressal system**

Project || GitHub

- DAVV admin is admin portal for Vice Chancellor, Department Incharges and Concerned Persons.
- Developed Frontend for the Web application with **NextJS (Typescript) and TailwindCSS**. Integrated and tested the APIs and system thoroughly.
- equipped with features like **live chat, notification system etc.** Made system 99% **reliable and scalable**.

**IETians Diary**

Aug 2023 - Present

**All in one study management application** for my college

GitHub

- IETians Diary is a place for students to **share notes, assignments, study materials etc.** and **get notified about current updates** related to their classes and their **attendance status**. It is a 100% scalable, efficient and one stop solution for all students of IET.
- built with **Expo, React-Native, Typescript** and Nativewind.

**Remotify**

Aug 2023 - Nov 2023

All in one **tool for remote jobs**, Personal Project

Project || GitHub

- Built **end-to-end system** with front-end and back-end with help of **NextJS, Typescript and NestJS**.
- Provides **all in one solution** for 99% of remote jobs with **integrations from Figma, Github and JIRA**.
- built and tested whole project with **JEST and nestjs/testing**.

**E-Cell IET DAVV**

Aug 2022 - Sep 2022

Club Website

Project || GitHub

- **general purpose website** demonstrating internal working and what-about of **Entrepreneurship Cell IET DAVV**.
- Developed Frontend for the Website with NextJS and TailwindCSS.
- Implemented **SanityCMS for no code data update**. Also **optimized site to 80% for performance and SEO**,

## Achievements

2021 **National Finalists**, Design Rush Challenge

IIT-BHU, India

2022 **Kriyeta Finalists**, Secured final position among 50+ teams

AITR, India

2023 **15+ hackathon participant**, participated in 15+ hackathons all over the globe including in-person hackathons at IIT Bombay, NIT Surat etc.