Mohit Aasirwal

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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

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

Experience

Agrivision4U, *Full Stack Developer* | Remote   *June 2024 - Present*
- Worked as a Full Stack Developer for the organization primarily working on **Next.js**, **TailwindCSS**, **Expo**, **NestJS** and **TypeScript**, significantly contributing to both frontend and backend in the projects.
- Optimized several components, increasing their performance by an estimated **90%**, enhancing the overall user experience.
- Conducted extensive user testing and bug fixing, ensuring a robust and user-friendly platform.

Peruse, *Frontend Developer* | Remote   *November 2023 - March 2024*
- 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.

Projects

Freathers   *Jun 2024 - Present*
A **social media platform** for businesses   *Project || GitHub*
- Built **end-to-end system** with front-end and back-end with help of **NextJS, Typescript, NestJS and Expo**.
- Done **extensive user testing and bug hunting**, enhancing the **user experience upto the industry standards**.
- equipped with all the **benchmark features** in social media websites like notifications, sort, filter, report, like, share etc. and some **platform specific features like raise enquiry, ratings, OTP verification, Google Auth, Maps integration etc**.

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 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 99% scalable, efficient and one stop solution for all students of IET.
- built with **Expo, React-Native, Typescript, NestJS** and Nativewind.

E-Cell IET DAVV   *Aug 2022 - Sep 2022*
Club Website   *Project || GitHub*
- **general purpose website** demonstrating internal working and what-abouts 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.	