Tanishq Sharma

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SUMMARY

Passionate about learning the science of data, computer , and mathematics to solve real world problems. My enthusiasm for technology extends to proficient skills in web development, where I specialize in using modern tools and frameworks. In the realm of web development, I am well-versed in React and Next.JS, allowing me to create dynamic and responsive user interfaces. My expertise extends to databases, including Supabase, MongoDB, and MySQL, enabling me to design robust and efficient data storage solutions.

TECHNICAL SKILLS

Languages: HTML, CSS, JavaScript, TypeScript, SQL, C,
Frameworks: React.JS, Next.JS, Express.JS, TailwindCSS
Databases: Supabase, MySQL, MongoDB
Libraries: Sanity, Mongoose ORM, Prisma, ShadcnUI, MaterialUI, NextUI, GSAP, etc.

EXPERIENCE

Dashboard and Backend Developer   Present – Dec. 2023
Made a quiz app and backend dashboard based on the wildlife in Van Vihar Bhopal   *Bhopal, India*

- Under Supervision of Dr. P. B. Sujit, we created a quiz app in Flutter and a backend dashboard in Next.JS
- The quiz comprises of 10 questions with various types of modes, interactive questions with images as problem statements or options and questions with audios of birds.
- The idea was liked by the Director of Van Vihar Bhopal, We showcased the app to the Governor in an event called VanMela.
- The dashboard was made in Next.JS that and record user data like no. of user played each day, month, adding/deleting/updating new questions, updating geofencing, updating marking schemes and no of questions also.

Full-Stack Developer   Dec 2023 - May 2023
Made the student council website for IISER Bhopal   *Bhopal, India*

- I made the student council website for the college to communicate and showcase the student council, its councils and clubs.
- This was a static website primarily made in HTML, CSS and JavaScript.
- It comprises of a landing page with details about the student council, its councils, its clubs, constitution and members.
- Additionally, it has a election and fest page, to inform students about the student body elections and events coming up in the college.

Full-Stack Developer   Dec 2023 - May 2023
Making the lab website for Quantum Computing Lab, IISER Bhopal   *Bhopal, India*

- A simple static website to showcase the lab, its activities and resources on how to start quantum computing,
- This lab is headed by Dr. Ankur Raina.

Web Developer   Present - Feb 2024
Made a dynamic blog site for Chrysalis   *Chrysalis, IISERB*

- Chrysalis is the science communication club of IISER Bhopal.
- Made a blog site for them with Sanity Studio and Next.JS

Web Developer   Present - Jan 2024
Singularity   *Bhopal, India*

- Singularity is the main science fest of IISER Bhopal.
- Made the fest site for Singularity in Next.JS, Typescript and Tailwind CSS.

Education

Indian Institute of Science Education And Research Bhopal, India
BS-MS, Data Science and Engineering (CGPA: 7.3) *Present - 2022*

Lucknow Public School And Colleges Lucknow, India
Intermediate (Percentage: 90) *2021 - 2020*

Lucknow Public School And Colleges Lucknow, India
High School (Percentage: 93.5) *2019 - 2018*

Personal Projects

E-Commerce Website to sell Merchandise Present – Dec. 2023
Making an e-commerce website in Next.JS *Bhopal, India*
- Making an E-Commerce website in Next.JS, TypeScript and MongoDB with a cart functionality and payment gateway.
- This website will help IISER Bhopal Clubs and Councils to sell their merchandise to the students and the faculty in the college.

Web Developer Present - Feb 2024
Made a dynamic blog site for Chrysalis *Chrysalis, IISERB*
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Web Developer Present - Jan 2024
Singularity *Bhopal, India*
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Relevant Courses

Discrete Mathematics, Introduction to C Programming, Data Structures, Linear Algebra, Signals And Systems