Mohit Sharma

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EDUCATION

UIET-H, Panjab University   Chandigarh, India
Bachelor of Technology - Information Technology; GPA: 8.98   *July 2019 - June 2023*

EXPERIENCE

Software Engineer Intern   Remote, Bengaluru
Hey Coach   *June 2021 - Sep 2021*

- **Building of Operations Platform**: Responsible for **construction and documentation** of Hey Coach Operation's platform which is used by students in their program for Assignments, Class Scheduling etc.
- **Developed Secure REST API's** : Intialized secure API's for the website and also designed databases and handled associations and migrations between them.
- **Integration with 3rd party Libraries**: Helped in integration of 3rd party api's to create a better user experience and also improved code security/efficiency by 50% by using **role based authorization/routing.**
- **Technology Stack**: Ruby on Rails | React | MySQL | DigitalOcean | REST Concepts

Open Source Contributor   Remote
GirlScript Summer of Code   *March 2021 - May 2021*

- **Worked on 2 Open Source Projects**: Contributed to Manthan and GirlCodeIt and applied knowledge of **Jest, React and Material-UI** by contributing hundreds of lines of code during the program.
- **Added Error Detection**: Strengthened **Error Detection** by working on unit tests and improving error detection by 75%.
- **UI Design**: Introduced **UI changes** to make website more accessible and engaging to viewers.
- **Technology Stack**: Jest | React | MongoDB | NodeJS | BootStrap

PROJECTS

- **TreadStone Web App** | *NodeJs, MongoDB, EJS, JWT, bcrypt*   Jan 2021
  - Developed a **Hiking Tour booking application** with ability to perform **CRUD** operations on different information pertaining to the tour.
  - Established a **REST API** for the same with functionality of **paging, sorting, limiting and filtering** etc.
  - Debugged application using **Postman** and also created different **error handlers** for production and development stages.

- **Cloth Fits** | *Next.js, Express.js, Keystone CMS, GraphQL, Keystone Auth*   June 2021
  - A full stack online clothing store complete with real credit checkout and functions such as **searching, selling, cart and auth.**
  - Utilizes **CMS and Graphql** for querying and adding data and uses **Next.js** for faster rendering/routing of the application.
  - Also includes **server side functions** such as authentication, permissions, sending email, uploading images, and charging credit cards

- **Expanse App** | *Next.js, Nasa API, Tailwind CSS, SSR*   June 2021
  - Created a **Space Research application** to get the daily updates related to space and query for different data.
  - Leveraged **Server-Side Rendering** with the help of Next.js and **improved loading times** by 50%.
  - Designed with help of Tailwind CSS and also has **search option** for searching through the entire NASA database.

SKILLS SUMMARY

- **Languages**:   C++ | Java | JavaScript | Python
- **Web/Mobile**:   React | Node.js | React Native | Ruby on Rails | SailsJs | Next.js | Typescript | GraphQL
- **Tools**:   Command-Line | Linux | Git | MySQL | Postman | Docker
- **Libraries**:   Material UI | JWT | Matplotlib | Scikit-learn | MongoDB | Jest | Tailwind Css | Redux
- **Concepts**:   REST | MVC | Cloud | Data Structures | System Design

ADDITIONAL EXPERIENCE AND AWARDS

- Consistently in the **top 5%** of Class for the past semesters.
- **Selected out of 6000** candidates for contributing to Open Source by GirlScript Foundation.
- Solved over **350 problems** on programming websites such as **Codeforces**, **Codechef** and **Leetcode**.
- **Competitive Programming**: **3 star** Coder on Codechef and **5 star** coder on HackerRank.