

Virendra Sonkaria

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Educational Qualifications

Year	Degree/Courses	Institute
2019 - 2023	B.Tech	Indian Institute of Technology Kanpur
2019	Class XII(RBSE)	NBM Sr. Sec. School, Jaipur
2017	Class X(RBSE)	NBM Sr. Sec. School, Jaipur

Work Experience

- Web and App Development Intern** | *The Smart Traveller* June'22 - July'22
- Developed **functional flow** of app, built **UIs** and **modules** for Android and iOS app using **React Native & Redux**
 - Stored and Managed **object oriented database** in **MongoDB Cloud** and used **Realm** for building **Rest APIs**
 - Implemented **Firebase Cloud Messaging** for efficient **cross-platform** data transfer and push notifications in app
- Frontend Web Development Intern** | *Oodles Technologies* Aug'21 - Nov'21
- Developed components to improve user experience for the organisation's **Dashboard Platform** using **Angular12**
 - Authored articles for **platform improvement**, optimizing website development with **Chrome Developer Tools**
 - Responsible for implementing **UI/UX** designs within a web application and ensuring they work without a hitch

Key Projects

- Facebook-Clone** | *Self Project* July'23
- Used **ReactJS** to build a modern and intuitive **user interface**, allowing users to easily create and engage with posts
 - Stored all database of users on **MySQL Workbench tables**, ensuring **efficient data organization and retrieval**
 - Employed **HTTP methods** like **get, post and destroy** to **retrieve, create and remove** user data from database
 - Implemented **user authentication** using **JSON web token**, **enhancing the security** of user data and interactions
- Chatty** | *Self Project(team)* March'22
- A Chat web app which allows multiple users to connect using **NodeJs back-end, Socket.IO** to the chat server
 - Separate **login, sign-up, logout, Settings** etc. features were integrated along with user can search using **username**
 - Used **MongoDB** database for storing user information, message sent, session created, token for password reset request
 - Verification** during sign-up was done so as not to create **multiple users** of same name using **MongoDB database**

Positions of Responsibility

Head, Web & App Development | **UDGHOSH'22 (India's largest college sports festival)** (July'22-Present)

Leadership	<ul style="list-style-type: none">Spearheaded a 3-tier team of 30+ developers towards completion of 6 websites and a mobile appCoordinated with 21 members Core Team, organizing the fest with an overall budget of 50+ Lakhs
Initiatives	<ul style="list-style-type: none">Developed UDGHOSH App for the first time using Flutter framework and Dart languageRevamped process and automated it for registration of 2000+ students for 23+ sports eventsDeveloped an online Quizzing platform with over 5000+ participants to promote sports cultureUsed React.js with Bootstrap and TailWind CSS for modularity and Website OptimizationDeveloped and managed a Registration Portal for over 1000+ Campus Ambassadors
Impact	<ul style="list-style-type: none">Participants received better hospitality & events details using push notifications and campus map in appIncreased the total participation by 200% YoY & number of marketing sponsorships by 160% YoY

Technical Skills

- Languages:** C, C++, Python
- Web Development:** JavaScript, Tailwind CSS, MySQL, Firebase, MongoDB
- FrameWorks and Libraries:** jQuery, React.js, Next.js, Angular, Node.js, Express.js, Chart.js, Bootstrap, MDB
- App Development:** React-Native
- Tools:** GitHub, GitLab, Vercel, Netlify, Heroku, MS Office

Relevant Courses

Introduction to Programming	Plastic Waste Management	Computational Methods In Engineering
WasteWater Disposal System	Partial Differential Equations	Applied Probability and Statics