Virendra Sonkaria

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SUMMARY

Graduate Engineer with a X-year track record of driving results. Developed functional flow of app, built UIs and modules for Android and iOS app using React Native & Redux. Led development of new $30 million aircraft component that shipped 3 months early. Renegotiated supply contract with equipment vendor, saving $500K in the first year.

EDUCATION

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

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 the 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 the same name using MongoDB database

POSITIONS OF RESPONSIBILITY

Head, Web & App Development | UDGHOSH'22 (India's largest college sports festival) | July'22-Present
- Spearheaded a 3-tier team of 30+ developers towards completion of 6 websites and a mobile app
- Coordinated with 21 members Core Team, organizing the fest with an overall budget of 50+ Lakhs
- Developed UDGHOSH App for the first time using Flutter framework and Dart language
- Revamped process and automated it for registration of 2000+ students for 23+ sports events
- Developed an online Quizzing platform with over 5000+ participants to promote sports culture
- Used React.js with Bootstrap and TailWind CSS for modularity and Website Optimization
- Developed and managed a Registration Portal for over 1000+ Campus Ambassadors
- Participants received better hospitality & events details using push notifications and campus map in the app
- Increased 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 Statistics

EXPERIENCE

Web and App Development Intern, The Smart Traveller, Location
- Developed functional flow of app, built UIs and modules for Android and iOS app using React Native & Redux
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- Implemented Firebase Cloud Messaging for efficient cross-platform data transfer and push notifications in app

June'22 - July'22

Frontend Web Development Intern, Oodles Technologies, Location
- Developed components to improve user experience for the organisation's Dashboard Platform using Angular12
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Aug'21 - Nov'21

EDUCATION

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

ADDITIONAL INFORMATION

- **Technical Skills**: C (proficient), C++ (proficient), Python (proficient), JavaScript (proficient), Tailwind CSS (proficient), MySQL (proficient), Firebase (proficient), MongoDB (proficient), jQuery (proficient), React.js (proficient), Next.js (proficient), Angular (proficient), Node.js (proficient), Express.js (proficient), Chart.js (proficient), Bootstrap (proficient), MDB (proficient), React-Native (proficient), GitHub (proficient), GitLab (proficient), Vercel (proficient), Netlify (proficient), Heroku (proficient), MS Office (proficient)
- **Certifications**: None
- **Awards**: None
- **Languages**: None
- **Interests**: None