

OMKAR JAWALKAR

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[Portfolio](#)

Education

Dr. D.Y. Patil Institute of Engineering, Management and Research Aug. 2020 – July 2023
Bachelor of Engineering in Computer Science; GPA - 9.6 Pune, Maharashtra

Government Polytechnic Mar. 2017 – June 2020
Diploma in Computer Science; Grade - 91.54% Latur, Maharashtra

Technical Skills

Languages: • Python • Java • JavaScript • SQL
Web Technology: • React JS • Next JS • Node JS • Tailwind CSS • Chakra UI • ExpressJS • Bootstrap
 • REST API • Postman • MongoDB • Firebase
Others: • Github • Data Structures • Problem Solving
Platforms: • VSCode • PyCharm
Soft Skills: • Excellent Communication • Effective Time Management • Public Speaking • Leadership

Experience

QuarterStack Technologies Pvt. Ltd. Jan. 2023 - Present
Frontend Developer Intern Remote

- * **API Integration:** I worked closely with the development team to integrate the Basecamp API into the project, allowing us to fetch the necessary data in real-time. Used the hooks like **useState** to storage puropse, **useContext** for state management, and many more
- * **State Management with Redux:** For Global state management, data (fetched from API) to be available globally within the application, Used **Redux** and **Redux Toolkit** for it.
- * **Developing Responsive UI** - I developed a customized dashboard that allowed users in basecamp to visualize and analyze their performance data in a more efficient and effective manner.This involved developing **responsive UI components** using frameworks like **React JS** and libraries like **Material UI**
- * Tech Stack Used - **React JS, Node JS, Redux, Redux Toolkit, Axios, Git, GitHub, Material UI**

Blockatena | [Link](#) May 2022 – August 2022
Backend Developer Intern Remote

- * **Restful API Creation:** Developed **Restful APIs** using **Node.js** and **Express.js** for Blockchain learning platform, enabling efficient and scalable communication between the front-end and back-end of the application. Used **Postman** to insure them.
- * **Backend Management:** Designed and implemented **MongoDB** databases to store and retrieve data received from **Restful APIs**, **optimizing performance** and ensuring **data integrity**.
- * **Efficient UI** :Created the landing page and worked on the UI development of dashboard using the **React.js, Redux** and **Bootstrap**
- * Tech Stack used : **NodeJS, ExpressJS, MongoDB, ReactJS, Postman, Git, Github and Redux**

Projects

Quizzup | [Site Link](#) April 2023

- * Developed an engaging and interactive quiz application called Quizzup, utilizing **Next.js** and **Chakra UI**, resulting in an **effective, responsive**, and scalable user interface.
- * Implemented the login feature using **Firebase Firestore**, enabling users to log in to the application and saving their details into **Firebase for authentication purposes**.
- * Built using **React js**, a **JavaScript** library for building user interfaces. React's **component-based architecture** enabled me to create modular and reusable code, resulting in a maintainable and scalable application
- * Tech Stack used : **Next.js, Next-Auth, Firebase, Chakra UI, Git, Github**

Activity Manager | [Site Link](#) December 2022

- * Created an **effective, responsive** and **scalable** user interface using **Next.js** and **Chakra UI**.
- * Used the **Next-auth** to implement the login with Google feature and save details into the **Firebase**

- * Built the back-end of the application using **Firebase Realtime Database** and **Authentication**, enabling users to sign up, log in, and securely store and retrieve task data.
- * Used **Redux** and **Redux Toolkit** for Global State Management and to provide flexible data around the components.
- * Tech Stack used : **Next.js, Next-Auth, Firebase, Chakra UI, Git, Github**

Portfolio | [Site Link](#)

November 2022

- * Designed and implemented the front-end of the website using **React JS** and **Tailwind CSS**, creating a clean and modern user interface that highlighted my projects, skills, and experience
- * Built the back-end of the website using **Node.js** and **Express.js**, to enable contact forms and other interactive features.
- * Integrated third-party tools and libraries, and made it **Fully Dynamic**, to enhance the **functionality** and **usability** of the website
- * Tech Stack used :- **React JS, Tailwind CSS, Node JS, Nodemailer, Axios, ExpressJS, Git, Github**

Virtual Painter | [Github Link](#)

December 2021

- * Utilized **OpenCV** library for image processing and **Object Detection** to detect the user's hand movements
- * Integrated **MediaPipe** framework for hand detection, which provided pre-built models for **real-time hand tracking**
- * Used **Tkinter** library for building the graphical user interface (GUI) of the application, allowing users to easily interact with the Virtual Painter
- * Demonstrated proficiency in **Python**, as well as knowledge of **Computer Vision, multimedia processing, and GUI development**
- * Tech Stack used - **Python, Tkinter, Mediapipe, OpenCV, Github.**

Honors and Awards

- **Geeks for Geeks - Institute Rank in Top 5** | [Link](#)
- **Computer Society of India, Student Chapter DYPIEMR -**
 - **Club Advisor** | September 2022 - Present
 - **Marketing Head** | July 2021 - June 2022 | [LOR Link](#)
- **Event Co-ordinator in Computer Students Association DYPIEMR** | July 2021 - June 2022

Certificates

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| • TCS iON Career Edge - Young Professional Certification Link
<i>TCS</i> | July 2020 – Aug. 2021 |
| • Bootstrap 4 Ultimate Course Certification Link
<i>Udemy</i> | Aug. 2021 |
| • HTML5 - From Basics to Advance Level Link
<i>Udemy</i> | July 2021 |
| • Web Development Link
<i>Smart Knower</i> | July 2021 |
| • Web Development Traniee Internship Link
<i>Smart Knower</i> | Sep. 2021 - Oct. 2021 |