Omkar Kumbhar

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GitHub: github.com/Omkarkumbhar47/

Education

Tatyasaheb Kore Institute of Engineering & Technology, Warananagar, Maharashtra
B-Tech in Computer Science and Engineering   November 2020 – June 2024
CGPA Aggregate: 7.47

Experience

Noitavonne Technology & Innovation – Kolhapur, Maharashtra
Software Developer [Internship]   January 2024 – September 2024

- Contributed to projects like **Dallas Buys Houses**, **3D.silocloud.io and Silo TV**.

- Developed 3D projects using **Three.js**, **Bootstrap**, **React Three Fiber**, and related libraries.

- Built and maintained web applications using **React JS**, enhancing the UI with **Bootstrap and Tailwind CSS**.

Nextastra Technologies Pvt. Ltd. – Hinjewadi, Pune, Maharashtra
React Js Developer   May 2024 – Present

- Worked on a **website analysis & security platform** that provides detailed insights into domains and user browsing activity.

- Built an **admin panel** for monitoring and managing user activity data, including dashboards, logs, and analytics.

- **Created** the **frontend UI** for **a project hub dashboard** that aggregates multiple applications (Python and other backends) into a unified interface.

- **Designed and implemented** reusable **React components** and **integrated APIs** for **real-time data visualization**.

- **Optimized** performance and **ensured responsive UI/UX** with **Tailwind CSS** and **Bootstrap**, using **lazy loading** and **code splitting** for efficiency.

Technical Skills

Languages & Core Technologies: JavaScript, HTML5, CSS3
Frameworks & Libraries: React.js, Redux, Tailwind CSS, Bootstrap, Express Js, Node Js, TypeScript
3D Development & Animations: React Three Fiber, GSAP, Framer Motion, Locomotive Js
Databases: MongoDB, MySQL
Design & Prototyping Tools: Figma, Canva, Postman
Version Control & Development Tools: Git, GitHub, VS Code, DBeaver

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Certifications & Achievements

Eureka Competition [SOFTCOM] / 18-June-2022

- Secured **Third Place** in the National Level Paper Presentation Competition.

Shreyans Coding School / October 2024 – December 2024

- Completed a certification program in Web Development. Course has covered in depth knowledge of HTML, CSS, Animations, JS, GSAP, Locomotive, Scroll Trigger, React.js, Tailwind, Redux, Modern web development and Design thinking.

Projects

1. Dynamic Portfolio Website with React
Technologies: React JS, HTML5, CSS3, JavaScript, Tailwind CSS, Three.js | **2022-2023**
URL: https://omkar-s-portfolio.pages.dev/

- Designed a responsive portfolio website using React.js, improving user interaction.
- Leveraged Tailwind CSS for consistent, modern UI styling.

2. 3D Viewer
Technologies: React JS, React Three Fiber, Drei, Three.js | **2024-2025**
URL: https://3d-viewer-seven.vercel.app/

- Built a fully interactive 3D viewer with lighting adjustment and environment customization features.
- Developed tools to display detailed model properties like textures, materials, vertices, and geometry details.
- Integrated a sidebar for model traversal, part visibility, and environment controls.

3. Pravin's Portfolio

URL: https://pravinportfolio-five.vercel.app/

Technologies: React JS, Framer Motion, Tailwind CSS, React Three Fiber | **2024-2025**

- Created a 3D-enabled portfolio website with smooth animations and an intuitive UI.
- Integrated a 3D model viewer using React Three Fiber for direct interaction with 3D models.
- Utilized Framer Motion for fluid transitions, enhancing the user experience.

4. Automatic Vehicle License Plate Detection and Recognition

Technologies: Python, HTML5, CSS3, OpenCV, OCR, YOLO | **2023-2024**

- Built a real-time vehicle detection and tracking system using deep learning and computer vision techniques.
- Designed the system for road surveillance and adapted it for home/society security applications.

Leadership & Extracurricular Activities

Department Representative, NSS – 2023-2024

- Coordinated CSE Department activities and organized social initiatives.

LogiCode (Treasurer)

- Organized a coding event at TKIET in collaboration with the LogiCode Team.
- Managed finances and logistics for LogiCode events, ensuring smooth execution.