

Omkar Kumbhar

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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

Nextastra Technologies Pvt. Ltd. – Hinjewadi, Pune, Maharashtra

Jr. Full Stack Developer

May 2024 – Present

- Worked on a **website analysis & security platform** that provides detailed insights into domains and user browsing activity.
- Created** the **frontend UI for a project hub dashboard** that aggregates multiple applications (Python and other backends) into a unified interface.
- Optimized** performance and **ensured responsive UI/UX** with **Tailwind CSS** and **Bootstrap**, using **lazy loading** and **code splitting** for efficiency.
- Velakoda:** Contributed to the development of a real-time chat application with Admin and Super Admin panels. Implemented Role-Based Access Control (RBAC) to manage multiple user roles, permissions, and secure access across the system
- Worked on document training workflows using a knowledge base powered by Pinecone for vector storage and semantic search.
- Integrated MongoDB and PostgreSQL for handling structured and unstructured data across different modules.

Noitavonne Technology & Innovation – Kolhapur, Maharashtra

Software Developer [Internship]

January 2024 – September 2024

- Contributed to projects like **Dallas Buys Houses**, **3D.silcloud.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**.
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Technical Skills

Languages & Core Technologies: JavaScript, HTML5, CSS3

Frameworks & Libraries: React.js, Redux, Tailwind CSS, Bootstrap, Express Js, Node Js, TypeScript, Next Js

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

Projects

1. Dynamic Portfolio Website with React

Technologies: React JS, Next JS, JavaScript, Tailwind CSS, | **2026**

URL: <https://omkar-dev-portfolio.vercel.app/>

- 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://3dinspect.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://pravin-s-portfolio.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. Book Inventory Management System (Full Stack)

URL: <https://book-inventory-management-system-nine.vercel.app/>

Technologies: React, Node.js, Express, Prisma, PostgreSQL | **2026**

- Developed a full stack CRUD application to manage book inventory records.
- Built REST APIs using Express and integrated PostgreSQL via Prisma ORM.
- Deployed frontend on Vercel and backend on Render.
- Implemented form validation, API integration, and structured data handling.

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.
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