







Vinay Mahajan *Software Engineer*

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SKILLS

ReactJs | ThreeJs | NodeJs, ExpressJs | NestJS | Material UI | PHP, Laravel | MySQL | PostgreSQL | MongoDB |
Microservices | Docker | Redis | Shopify APIs | GitHub | R Programming | HTML5/CSS


WORK EXPERIENCE

TechArtisan3D Solutions LLP, Software Engineer  05/2024 – present | Pune

Working in a fast-paced startup, I contribute to developing innovative web applications using **ReactJS, NodeJS, and NestJS**. I build and maintain responsive **UIs with ReactJS and React-Bootstrap**, integrating third-party libraries like **Material UI, ParkUI** for enhanced functionality. On the backend, I design and implement **scalable APIs with NodeJS and NestJS** while managing deployments on **AWS EC2** for security and high availability. Additionally, I collaborate on **3D model integration** using **ThreeJS**, supporting interactive elements despite limited 3D modeling experience. Adapting to evolving requirements, I ensure high-quality solutions while maintaining **strict confidentiality under NDA**.

Easyecom Pvt Ltd, SDE-I  07/2022 – 08/2023 | Bengaluru

- Led initiatives in Easyecom's Customization, Order Management, and Integration teams, enhancing platform workflows, API integrations, and UI components using React. Improved e-commerce systems across marketplaces like Amazon, Shopify, and WooCommerce.

Easyecom Pvt Ltd, SDE Internship  01/2022 – 06/2022 | Pune

- Collaborated with cross-functional teams to integrate key feature modules into live projects, contributing to both frontend (React) and backend (Laravel, PHP) development. Gained hands-on experience in real-world workflows, version control, and agile collaboration.

Coursehero.com, Virtual Tutor 08/2021 – 12/2021 | Pune

- As a tutor, I delivered comprehensive solutions and explanations to address students' questions on diverse computer engineering subjects. Leveraging a strong understanding of the subject matter, I provided clear and concise explanations, contributing to students' enhanced understanding and academic performance.


EDUCATION

Cuvette.tech, MERN Stack PG Course
Post Gradation remote course on MERN Stack and Data Structures.

Sinhgad Institute Of Engineering, B.E in Computer Engineering 2019 – 2022 | Pune
Savitribai Phule University Pune
Secured 8.38 Aggregate

G.H Raisonni Of Engineering, Diploma In Computer Engineering 2016 – 2019 | Jalgaon
Maharashtra State Board of Technical Education
Secured 75.69%

PROJECTS

MyChat App, ReactJs, Socket.io, NodeJS, MongoDB 04/2025 – present
Built a real-time chat application using React.js, Socket.io , Node.js, and MongoDB. Features include live messaging, user authentication, chat history storage, and responsive UI for seamless communication.

E-Commerce Backend, Nest.js, Node.js, Typescript, Prisma, PostgreSQL 11/2024 – 01/2025
I developed a full-stack eCommerce application using NestJS, Prisma, NodeJS, TypeScript, and JWT for secure authentication. The backend features a modular architecture, seamless database interactions with Prisma, and core functionalities like user authentication, product management, shopping cart, and order processing, user reviews. This project enhanced my skills in backend development, API design, and implementing scalable, secure systems.

Movie Info Web App, React, NodeJs, OMDb APIs 2023
A React Movie web application that allows users to search for, browse, and watch movies. It uses the TMDb API to fetch movie data and React Router to handle routing between different pages. This project demonstrates my skills in React development, Node.js development, API integration, routing

Contact Managements app, 2023
NodeJS, Express.JS, MongoDB, MySQL, HTML/CSS
Built a streamlined web app for organizing and managing contacts using HTML, CSS, JavaScript, Express.js, and MongoDB/MySQL. Key features: secure authentication, contact search, validation, and sharing for collaborative use.

Web Mining to Detect online Spread to Terrorism,

2022

Python, CNN Algorithm, Tkinter, Requests, BeautifulSoup4

Our System Detect Terrorist Patterns On Websites Using Textual data and Photos, Videos on site. We will use Graphical Processing Algorithms to Detect Terrorist Activities. The website should be flagged inappropriate if the keywords or Image are found for efficient system development.

COURSES

MERN Stack Development PGP

2024

JavaScript Essential Training by Morten Rand-Hendriksen,

12/2023

LinkedIn Learnings [↗](#)

Docker for Developers, LinkedIn Learnings

2023

R Programming Workshop And Certification, STIE

2022

Web Development Bootcamp, Udemy

2021

Oracle 10G DB Workshop, Scriptlet Solutions Pvt.LTD

2017

PUBLICATIONS

Survey paper on Data Mining, JETIR.org [↗](#)

30/12/2021

Published Survey research paper on data mining based on my UG project work experience.