

# Vinay Mahajan *Software Engineer*

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## SKILLS

ReactJs | NodeJs, ExpressJs | Typescript | ThreeJs | NestJs | Material UI | PostgreSQL | PHP, Laravel | MySQL | MongoDB | Microservices | Docker | Redis | Shopify | GitHub | 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**.

**Coursehero.com**, Virtual Tutor 10/2023 – 05/2024 | 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.

**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.

## EDUCATION

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

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

## PROJECTS

**Velocity Runner**, React.js, Three.js, WebGL, Typescript 05/2025 – present

Built a fully browser-based 3D game without any game engine, using React and Three.js. Features include responsive keyboard controls, jump physics, third-person camera, GLTF animations, procedural enemy spawning, and real-time collision detection. Focused on performance, modular design, and immersive web interfaces.

**MyChat App**, ReactJs, Socket.io, NodeJS, MongoDB 04/2025 – 04/2025

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

## 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

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Docker for Developers, LinkedIn Learnings

2023

MERN Stack Development PGP

JavaScript Essential Training by Morten Rand-Hendriksen,  
LinkedIn Learnings [🔗](#)

12/2022

R Programming Workshop And Certification, STIE

2022

Web Development Bootcamp, Udemy

2021

Oracle 10G DB Workshop, Scriptlet Solutions Pvt.LTD

2017