TEJASV GOYAL

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Education

Vellore Institute Of Technology, Vellore	**Sep. 2021 – July 2026**
Mtech Integrated Computer Science	*9.44 cgpa*
Tilak Public School Jaipur, India	**2021**
CBSE XII	*93.3%*

Experience

VHS Softwares Pvt. Ltd. — **May 2022 – July 2022**
SDE Intern — *Onsite*
- reated an engaging and responsive landing page for a client's high school website using HTML, CSS, and React.js
- Conducted extensive code refactoring and assessed code quality based on predefined parameters to ensure maintainability and efficiency
- Designed and developed a robust login page with full validation, seamlessly integrated into the main project.
- Awarded a Letter of Recommendation, distinguishing me as one of the top 3 performers out of 10 interns.

MAJESTEA MARKETTING — **May 2023- July 2023**
Full Stack Developer Intern — *Remote*
- Developed and Maintained Ecommerce Websites using shopify and Wordpress .
- Created Figma wireframe and then low high fidelity framework for the e-commerce application.

Projects

REACT COLOR | *React, Material-UI, React Router, react-sortable-hoc, Emoji-Mart*
- Developed a color palette application using React for dynamic UI components, React Router for seamless navigation, and Material-UI for pre-styled, responsive components. Utilized react-sortable-hoc for intuitive drag-and-drop color arrangement and emoji-mart for emoji selection in palette naming. Managed form validation with react-material-ui-form-validator, ensuring unique palette names. The application leverages Webpack and Babel for efficient module bundling and cross-browser compatibility.

Hotel Booking Application | *MongoDB, Express.js, React.js, Node.js*
- Developed a robust hotel booking application using the MERN stack (MongoDB, Express.js, React.js, Node.js). This application allows users to browse hotel rooms, make reservations, and securely process payments. Leveraged React.js to build a responsive user interface and integrated MongoDB for data storage. Implemented real-time updates using Socket.io, which ensured users received immediate information on room availability and booking status. The application also features secure payment integration, facilitating smooth transactions through a reliable payment gateway

Portfolio Analysis | *Web Scrapping, Data Mining, Python*
- Developed a project to analyze posts from the "learnpython" subreddit to derive actionable insights and identify key topics. Utilized Python libraries for data collection and preprocessing, and applied machine learning techniques including Naive Bayes for classification and Latent Dirichlet Allocation (LDA) for topic modeling. Visualized results through word clouds and bar charts to help users quickly access relevant information and understand prevalent themes within the subreddit.

Swativijaivargie Ecommerce Application | *Figma,Shopify*
- Built a dynamic e-commerce platform built using Shopify, designed to offer a seamless shopping experience. Users can browse a diverse range of products, make secure transactions, and enjoy an intuitive, user-friendly interface. The application is now live and ready to enhance your shopping experience with its efficient and engaging features.

Technical Skills

Languages: Java,Python, SQL, C ,C++
Web Technologies: HTML, CSS, JavaScript, React.js, jQuery, Node js, MongoDB
Tools: VS Code, Power BI, MS Excel, Git, Figma, Jupyter Notebook, Anaconda, PostgreSQL
Data Analysis: Pandas, NumPy, Matplotlib, Hypothesis Testing, A/B Testing, Data Wrangling, EDA
Soft Skills: Problem-Solving, Communication, Analytical Thinking, Troubleshooting, Attention to Detail
Certifications: Microsoft AI 900 - Microsoft, Introduction to Generative AI -(google) , Statistics - Linkedin (Basics),(Probability),(Using datasets)

Extracurricular

Merit Certificate — **2021 – 2024**
Among top 10 ranks of 20MIC Branch — *VIT Vellore*
- Every year received the merit certificate for good academic performance .