TEJASV GOYAL

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Education

Vellore Institute Of Technology, Vellore   Sep. 2021 – July 2026
MTech Integrated Computer Science   *9.24 CGPA*

Tilak Public School Jaipur, India   2021
CBSE XII   *93.3%*

Experience

VHS Softwares Pvt. Ltd.   May 2023 – July 2023
SDE Intern   *Onsite*
- Developed an interactive and responsive landing page for a high school website using React.js, ensuring seamless navigation and user experience.

MAJESTEA MARKETING   May 2024- July 2024
Full Stack Developer Intern   *Onsite*
- Developed and Maintained Ecommerce Websites using shopify and Wordpress .
- Created Figma wireframe and then low high fidelity framework for the e-commerce application.

Projects

Trip-Saathi: AI-Based Smart Travel Planner | *Gemini AI, Cloud FireBase, React.js, Tailwind CSS, Google OAuth*
- Developed AI-powered travel planner using Gemini AI, Cloud Firestore, and React.js to dynamically generate personalized itineraries based on user input. Implemented real-time location tracking via HERE API and integrated Google OAuth for secure authentication, enhancing user experience and engagement.

Portfolio Analysis | *Python, Web Scraping, Data Mining, LDA, Naive Bayes*
- Created data pipeline in Python to scrape Reddit's r/learnpython, clean the data, and perform topic modeling using Latent Dirichlet Allocation (LDA). Applied Naive Bayes for post classification, extracting actionable insights from user discussions and improving sentiment trend visibility.

Algorithmic Trading Indicator | *LSTM,TSA,Deep Learning*
- – A generalized financial assets trading indicator tested on the BTC-USDT cryptocurrency deployed on TradingView using Pine Script with Python backend to get Long and Short trade signals . Hyperparameter tuning of the LSTM model in TensorFlow to yield nearly accurate market indication .Ten successive trades from the signals led to a 20x increase in the initial investment

React Color | *React, Material-UI, React Router, react-sortable-hoc, Emoji-Mart*
- Developed palette management application using React and Material-UI to enable real-time UI customization. Leveraged React Router for navigation, react-sortable-hoc for drag-and-drop interaction, and Emoji-Mart for creative palette naming, improving user personalization features.

Kanban Board – Smart Task Management | *React.Js, CSS, JavaScript, MongoDB*
- Built dynamic task management application using React.js and MongoDB to streamline team workflows. Integrated drag-and-drop task movement with state management and implemented RESTful API calls for database updates, boosting task visibility and productivity.

Technical Skills

Languages: Java, Python, SQL,R, C ,C++,JavaScript, TypeScript, HTML, CSS
BI Tools: Power BI, Tableau, Qliksense
Frontend: React.js,Next.js, jQuery, Bootstrap, Tailwind CSS, Redux, Figma
Backend: Node.js, Express.js, Flask, REST APIs, JWT, Redis, Postman, Firebase Functions
Database: MongoDB, MySQL, PostgreSQL, Firebase Firestore, Prisma, Mongoose, MongoDB Compass
DevOps Cloud: Git, GitHub, Docker, GitHub Actions, Firebase, AWS, Vercel, Netlify, Jenkins,OAuth, Gemini AI
Certifications: Microsoft AI 900 - Microsoft, Introduction to Generative AI -(google) , Statistics - Linkedin (Basics),(Probability),(Using datasets)

Extracurricular

Merit Certificate   2021 – 2025
Among top 10 ranks of MTech Computer Science Branch   *VIT Vellore*
- Solved 350+ coding problems across platforms including LeetCode, GeeksforGeeks, and HackerRank.