Tehzeeb Sheikh

Email: tehzeebsheikh18@gmail.com | Phone: +91 7073991252 | Website: tehzeebsheikh.in | LinkedIn: linkedin.com/in/tehzeebsheikh | GitHub: github.com/Tehzeeb18

Work Experience

The Desired Solution, Udaipur, Rajasthan, India — Feb 2024–Present

Full Stack Developer

- Build and launched the official company website (MERN stack) with full responsiveness and strong SEO, boosting online visibility.
- Developed an e-commerce site with customer login, product management, add-to-cart, multiple payment methods, driving a 40% increase in transactions.
- Created a chess academy platform with class scheduling and admin tools reducing manual coordination by over 50%—plus several other responsive, full-stack projects.

Shodh AI, Jaipur, Rajasthan, India — Sep 2024–Jan 2025

Research Intern

- Developed an AI-based interviewing tool using ReactJS with features like mic test, webcam integration, and speech-to-text for an accessible user experience.
- Integrated multiple backend APIs seamlessly, ensuring efficient data flow and robust application performance.
- Built the official Shodh AI website with a fully responsive design and real-time integration of the latest Twitter tweets from their official Twitter account.

Education

Sir Padampat Singhania University (SPSU), Udaipur, India — Aug 2022–Aug 2024

Master of Technology (M.Tech), Computer Science (Data Science)

Percentage: 70%

Geetanjali Institute of Technical Studies (GITS), Udaipur, India — May 2018 – Jun 2022

Bachelor of Technology (B.Tech), Electronics and Communication Engineering

Percentage: 80.1%

Skills

Languages: JavaScript, Python, jQuery, CSS, HTML

Technologies: ReactJS, NodeJS, ExpressJS, MySQL, MongoDB, Git/Github, Tailwind.css, Bootstrap, Shopify, Wordpress

Projects

A Comparative Performance Analysis of Different Techniques for Email Security — May 2024

- Explored the effectiveness of Large Language Models (LLMs) such as RoBERTa and DistilBERT, alongside traditional machine learning algorithms for identifying spam emails.
- Fine-tuned LLMs by leveraging techniques like data tokenization, structuring data for training, defining training arguments, retraining the models, evaluating their performance, and generating predictions.
- Demonstrated that RoBERTa outperformed other models with an accuracy of 98.81%, showcasing its robustness and precision in email spam classification, while traditional algorithms also performed effectively except for KNN which lagged with 87% accuracy.
- Utilized Python, LLMs, and machine learning techniques to develop and evaluate the email classification models, ensuring comprehensive analysis.

React Weather App — Apr 2024

- Built a real-time weather application with OpenWeather API, delivering up-to-date weather information for 200,000+ cities worldwide using ReactJS, JavaScript, CSS, and HTML.
- Implemented 5-day weather forecasts, which views both current and upcoming weather conditions for the selected cities.
- Created a responsive design to ensure seamless display across diverse devices and an intuitive city search leveraging efficient user input validation.

Chat Applications using WebSockets — Feb 2024

- Created a real-time chat application using Node.js and WebSockets for bidirectional communication, enabling users to send and receive messages instantly.
- Designed functionalities to notify users when someone joins or leaves the chat, and to broadcast messages to all connected users, enhancing user engagement.
- Added audio alerts for incoming messages to improve user awareness and interaction, contributing to a more dynamic chat environment.

Code Crackers — Jan 2024

- Designed and developed a comprehensive programming tutorial and blogging website, featuring structured sections for tutorials, articles, and contact information, enhancing content organization and accessibility.
- Implemented a multi-page navigation system and a responsive design using HTML, CSS, JavaScript, and Bootstrap, ensuring an optimal user experience across various devices and screen sizes.

Used Car Price Prediction using Linear Regression and Lasso Regression — Dec 2023

- Employed Python and machine learning techniques to construct predictive models for used car prices using Linear Regression and Lasso Regression, achieving R squared Error values of 0.8799 and 0.8427 respectively.
- Preprocessed categorical features, split datasets for training and testing, and utilized visualization techniques like scatter plots to compare actual versus predicted prices, providing insights into model accuracy.

Certificates and Courses

Full Stack Web Development, Keen Infotech Technologies, Udaipur, India — Jan 2024

Data Mining, NPTEL — Mar 2023

Artificial Intelligence for everyone, Coursera — June 2020