

Tushar Sharma

Computer Science Engineering Student

Problem-solving, Innovative, Articulate, Organized, Professionalism, Patience, Responsibility

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GitHub: <https://github.com/tarun142002>

TECHNICAL SKILLS

HTML, CSS, C++, Data Structures & Algorithms, Python using AI, Problem-solving

EDUCATION

Bachelor of Technology in Computer Science

University College of Engineering and Technology, Bikaner (2019–2023)

CGPA: 8.2

ACHIEVEMENTS

- Become **4 Star** at [CodeChef](#). (Maximum Rating :- 1819)
- Ranked 25th Starters 55 Division 4, 2022 by **Codechef**.
- Ranked 32nd in July Lunchtime Division 2, 2022 by **Codechef**.
- Become **Specialist** at [Coding Ninja](#)
- Achieved 794th and 1582nd Rank in IICC Round 1 and 2, 2022 by [CodingNinja](#).

WORK EXPERIENCE

Doubt Solver at CodeChef (07/2022 - 05/2023)

- Provide coding solutions and resolve doubts for competitive programmers on the CodeChef platform.
- Continuously enhance problem-solving skills and collaborate with a team of experts.
- Receive positive feedback and contribute to the growth of the CodeChef community.

PROJECT

Stocks Price Prediction - (Technology Used : Machine Learning, Python, Keras, Flask, Scikit-learn, Matplotlib, Pandas, Numpy HTML, CSS)

- Developed a stock price prediction system using Long Short-Term Memory (LSTM) models, leveraging historical stock market data from yfinance and alphavantage for accurate forecasting.
- Integrated the LSTM model into a user-friendly web application using the Flask framework, providing interactive charts and graphs for visualizing stock market trends.
- Implemented data collection, preprocessing, and feature selection techniques to ensure high-quality input for the LSTM model.

IPO-Dashboard - (Technology Used : Flask, Python, REST APIs, Telegram Bot API, HTML, CSS)

- Designed and developed a comprehensive dashboard for monitoring Initial Public Offerings (IPOs) in real time.
- Integrated multiple data sources, including APIs and web scraping, to display detailed IPO statuses: current, upcoming, announced, closed, and listed.
- Implemented Telegram notifications for IPO updates, highlights, and closing alerts, ensuring users stay informed.
- Created an intuitive web interface for easy navigation and data visualization.
- Utilized Flask for backend development and BeautifulSoup for scraping additional insights, enhancing data comprehensiveness.

NEWS-App - (Technology Used : HTML, CSS, JS, API)

- NEWS APP" project, a dynamic web application providing real-time news articles.
- Utilized HTML, CSS, and JavaScript to design an intuitive navigation bar for easy browsing of news categories.
- Implemented a template-based approach to dynamically generate news cards, displaying article details in real-time.
- Integrated a search bar feature allowing users to find news articles based on specific keywords.
- Handled data binding and time zone conversion for accurate publication dates.

PROJECT CERTIFICATIONS

DELOITTE - STEM Program

Virtual Experience Program on Forage (08/2022)

- Participated in the open access Deloitte STEM Virtual Program
- Completed All Task : Coding, Data Analysis, Development, Cyber Security and Forensic Technology

ADDITIONAL SKILLS :

- Time Management: Efficiently organizing tasks and meeting deadlines.
- Creation: Demonstrating innovative thinking and generating unique ideas.
- Self-Motivation: Maintaining a high level of drive and determination.
- Artificial Intelligence: Intermediate experience in leveraging AI tools and technologies to build projects and solve real-world problems.