

TARUN KUMAR SHARMA

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Education

NOIDA INSTITUTE OF ENGINEERING AND TECHNOLOGY

June 2021 – June 2025

Bachelor of Technology in Computer Science and Engineering

Noida

Relevant Coursework

- Machine Learning
- Deep Learning
- Artificial Intelligence
- Systems Programming
- Software Methodology
- Database Management
- Internet Technology
- Computer Architecture

Experience

CODSOFT

August 2023 – September 2023

Data science Engineer Intern

Noida

- Enhanced understanding of data analysis and practical application of data science techniques.
- Utilized Python libraries (Pandas, NumPy, Scikit-learn) to clean, preprocess, and analyze large datasets, generating actionable business insights.
- Developed proficiency in data visualization tools (Matplotlib, Seaborn) to create informative charts and graphs for stakeholder communication.

GEEKSFORGEEKS

March 2024 – Present

Freelancer Technical Writer

Noida

- Published articles on machine learning and deep learning, covering fundamental concepts, advanced algorithms, and practical applications.
- Authored tutorials on TensorFlow and PyTorch, guiding readers through implementing neural networks and other models.
- Covered diverse topics including computer vision, natural language processing, and reinforcement learning, showcasing versatility in the field.

Projects

Netflix Clone Webpage / HTML5, CSS3, JavaScript

June 2023

- Developed a responsive Netflix clone webpage using HTML5, CSS3, and JavaScript to mirror the original interface.
- Implemented a carousel feature using CSS Flexbox or JavaScript (Slick.js) to display featured content.
- Demonstrated proficiency in front-end web development by showcasing the project in a personal portfolio or hosting it on platforms like GitHub Pages.

Emotion Detection Project / Python, Open CV, VS code

November 2023

- Developed an emotion detection system using computer vision techniques and deep learning algorithms.
- Utilized the layout editor to create a UI for the application in order to allow different scenes to interact with each other.

Disaster Tweets Classifier / Python, NLP Techniques

January 2024

- Developed a disaster tweet classifier using NLP techniques, achieving high accuracy in distinguishing disaster-related tweets.
- Implemented real-time classification capabilities, demonstrating proficiency in NLP and machine learning for text analysis.
- Achieved high accuracy through model training and evaluation.

Technical Skills

Languages: Python, Java, C, HTML/CSS, JavaScript, SQL

Developer Tools: VS Code, Eclipse, Google Cloud Platform

Technologies/Frameworks: Linux, GitHub, JUnit, WordPress

Leadership / Extracurricular

Event Organizer

Ebullience' 24

TechScribe Technical Writing Competition

NIET Noida

- Coordinated logistics, including venue booking, participant registration, and scheduling.
- Over 180+ registrations, showcasing a remarkable interest in the fusion of technology and technical writing.
- Our event showcased a remarkable interest in the intersection of technology and technical writing.