

ANJALI MISHRA

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EDUCATION

- Vellore Institute of Technology,Vellore, Tamil Nadu CGPA 7.68 Sept 2021 - Jun 2025
Bachelor of Technology in Computer Science and Engineering
- Relevant Modules: Data Structures, DBMS, Statistics, Probability, Data Mining, Data Visualization, Python Programming, Machine Learning, Big Data Analytics, SQL.
- Delhi Public School, Nagpur Jul 2021
CBSE: XII 89%

PROJECTS

BRAIN TUMOR DETECTION

- Developed a classification model using Convolutional Neural Networks (CNNs) to detect brain tumors from MRI images.
- Implemented data augmentation techniques, improving model training efficiency by 20%.
- Achieved 98.5% diagnostic accuracy, contributing to early tumor detection and improved classification performance.

Weather Forecasting for Early Warning Systems using Predictive Analytics

- Spearheaded the development of a forecasting system using ARIMA and LSTM, achieving temperature and rainfall prediction accuracy with MAE < 2.0°C.
- Engineered a modular, locally-deployable Early Warning System for extreme weather events, reducing forecast processing time by over 60% compared to deep learning models.
- Built and compared two predictive models (ARIMA & LSTM) on real-time datasets from the Meteostat API, demonstrating >85% accuracy in risk classification (Mild-Severe).

Personal Portfolio Website

- Designed a responsive portfolio showcasing projects and skills.
- Improved online recruiter engagement by 40%.

WORK EXPERIENCE

National Informatics Center Web Development Intern

Nagpur,India
Sep 2023 - Oct 2023

- Assisted in streamlining the merchant onboarding process, contributing to improved operational efficiency.
- Analyzed transactional data to identify patterns and support trend analysis for internal reports.
- Provided front-line support to merchants by resolving payment-related queries, enhancing user experience.

COURSES AND CERTIFICATIONS

- TATA-Google Data Analytics | Issued by Forage
- Accenture -Data analytics and visualisation job simulation | Issued by Forage
- Data Science | Issued by internshalla
- Web Development- HTML, Css, Javascript, Bootstrap | Issued by Internelite
- Financial Modeling and Valuation | Issued by Internshala
- Cybersecurity | Issued by Yhills

SKILLS & INTERESTS

- TECHNICAL:**
 - Programming:** Python (Pandas, NumPy, Matplotlib), HTML, CSS, JavaScript,React,Bootstrap
 - Data Tools:** Power BI, Tableau, MS Excel, SQL
 - Design & UI:** Figma, Photoshop, WordPress (Basic), Responsive Design
 - Frameworks/Tools:** GitHub, VS Code, Jupyter Notebook
 - Concepts:** Data Visualization, Machine Learning, Predictive Analytics, Data Cleaning
- Language:** English, Hindi
- Soft Skills:** Teamwork, Communication, Time Management, Critical Thinking, Problem Solving, Work Ethic, Effective multitasking,Pressure management, Deadline-driven approach, and Emotional Intelligence
- Interests:** Music, Badminton, basketball, hiking, Traveling, Reading, Art (painting, drawing)