

ANJALI MISHRA

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EDUCATION

- Vellore Institute of Technology (VIT), Vellore, Tamil Nadu**
 - Bachelor of Technology in Computer Science and Engineering, **CGPA: 7.68**
- September 2021 – June 2025
- Relevant Coursework:** Data Structures, DBMS, Statistics, Probability, Data Science, Data Visualization, Python Programming, Machine Learning, SQL
- Delhi Public School, Nagpur, Maharashtra**
- CBSE – Class XII (July 2021): **89%**

PROJECTS

1. Weather Forecasting

- Developed a real-time weather forecasting application using React.js, OpenWeatherMap API, and geolocation, improving forecast display accuracy by 90%.
- Engineered modular, reusable UI components and integrated RESTful APIs, reducing API response time by 40% and improving overall maintainability.
- Technologies: React.js, OpenWeatherMap API, Geolocation, REST APIs, UI Optimization

2. Personal Portfolio

- Illustrated and deployed a fully responsive, accessible Single Page Application using React.js, Bootstrap, and modern JavaScript frameworks.
- Converted Figma-based UI/UX designs into interactive interfaces with scroll-based animations (AOS), increasing mobile and desktop user engagement by 35%.
- Synchronized GitHub repositories and project links, enhancing portfolio interactivity and showcasing frontend skills to potential recruiters.
- Technologies: React.js, Bootstrap, AOS, GitHub, Responsive Web Design, UI/UX

3. Book Selling Website

- Built a cross-device compatible static e-commerce frontend using HTML5, CSS3, and JavaScript, enabling smooth browsing and product viewing.
- Improved page load speed by 35% through semantic HTML structure, optimized images, and clean CSS architecture, resulting in a better user experience.
- Technologies: HTML5, CSS3, JavaScript, Web Performance, E-commerce UI, Responsive Design

4. Brain Tumor Detection (Deep Learning)

- Designed and trained a Convolutional Neural Network (CNN) model for MRI-based brain tumor classification, achieving 98.5% test accuracy.
- Utilized image preprocessing and data augmentation techniques, which reduced model overfitting by 20%, enhancing model generalization and robustness.
- Technologies: Python, CNN, Deep Learning, Image Classification, Data Augmentation, Medical Imaging
- Skills: Python, AI in Healthcare, Model Training, Image Preprocessing, CNN Architecture

WORK EXPERIENCE

National Informatics Center

Web Development Intern-Nagpur, India

September 2023 – October 2023

- Refined the merchant onboarding workflow, reducing processing time by 30% and enhancing cross-team operational efficiency.
- Analyzed transactional data to identify usage trends, contributing to a 15% improvement in business intelligence reporting accuracy.
- Delivered front-line technical support, resolving over 50+ payment-related issues, resulting in a 20% boost in user satisfaction scores.

Sparrow Softech Pvt. Ltd.

Front End Development Intern-Ranchi, India

May 2025 -Present

- Collaborated with the frontend team to build and enhance responsive web interfaces using React.js, HTML5, CSS3, and Bootstrap, improving cross-browser UI consistency by 40%.
- Conceptualized a reusable UI components library, accelerating new feature rollout by 2× and reducing UI maintenance time by 35%.
- Interfaced REST APIs and resolved over 30+ frontend-backend bugs, ensuring seamless data flow and reducing client-side load failures by 25%.

COURSES AND CERTIFICATIONS

- Tata – Google Data Analytics Virtual Experience Program – Forage
- Accenture – Data Analytics and Visualization Job Simulation – Forage
- Tata – GenAI-Powered Data Analytics Job Simulation – Forage
- Data Science Certification – Internshala
- Web Development: HTML, CSS, JavaScript, Bootstrap – InternElite
- Financial Modelling and Valuation – Internshala

SKILLS & INTERESTS

- 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 Web Design
- Frameworks and Tools: GitHub, VS Code, Jupyter Notebook
- Concepts: Data Visualization, Machine Learning, Predictive Analytics, Data Cleaning
- Languages: English, Hindi
- Soft Skills: Effective communication, collaborative teamwork, creative problem-solving, adaptability, attention to UI detail, and time management.
- Interests: Music, Badminton, Basketball, Hiking, Traveling, Reading, Art (Painting, Drawing)