

Vishwesh Patidar

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OVERVIEW

To leverage my problem-solving skills and expertise in AI/ML and DSA in a challenging role within the tech industry, where I can contribute to innovation while continuously learning and enhancing my skills.

EDUCATION

St. Paul's Sr. Sec. School 10th Board - 91.2%, 12th Board - 90.6%	Udaipur, Rajasthan 2017 - 2022
Jaypee University of Engineering and Technology Current CGPA: 8.6	Guna, Madhya Pradesh 2022 - 2026

EXPERIENCE

Regal Outsource (India) Pvt. Ltd. AI & ML Intern	June 2024 - July 2024
<ul style="list-style-type: none">Worked on AI/ML projects with industry experts, gaining hands-on experience in deep learning.Optimized models, boosting accuracy by 15% through fine-tuning and hyperparameter tuning.Applied regularization techniques to reduce overfitting and improve generalization.	

PROJECTS

Image Forgery Detection A deep learning project to classify images as forged or authentic. <ul style="list-style-type: none">Developed both a custom CNN and a pretrained ResNet50 model for image forgery detection.Integrated Error Level Analysis (ELA) with deep learning models to enhance feature extraction.Achieved 88% accuracy with the custom CNN and 90% accuracy with the ResNet50 model on the test set.	Jan. 2025 - May 2025
CT Scan Based Head Injury Detection A deep learning project designed to classify and segment brain hemorrhages. <ul style="list-style-type: none">Engineered a custom CNN model for brain hemorrhage classification, achieving 85% accuracy.Implemented a pretrained U-Net model for segmentation of hemorrhage regions in CT scans.Achieved a segmentation performance of 0.94 IoU and 0.97 Dice score.	July 2024 - Nov 2024
Movie Recommendation System A machine learning project to provide personalized movie suggestions. <ul style="list-style-type: none">Developed and deployed an interactive movie recommender system using Streamlit.Engineered personalized movie recommendations for users with an accuracy rate of 89% in predicting preferences.Curated a diverse dataset of 5000+ movies, expanding the system's recommendation pool.	Sept. 2024

SKILLS

- * **Technical:** Java, Python, C, C++, PyTorch, TensorFlow, Scikit-learn, SQL, HTML, CSS, JavaScript.
- * **Certificates:** Machine Learning A-Z (Udemy).
- * **Soft:** Teamwork, Adaptability, Efficient project scheduling, Communication, Creativity.

POSITION OF RESPONSIBILITY

- * **Joint Secretary, Multimedia and UI/UX Club** - Computer Society of India (CSI).
- * **Senior Designer, Tachyon** - Led the design team for tech fest branding and event promotions.
- * **Senior Designer, National Seminar Team** - Managed visual content creation for national-level conferences.