PRIYANSHU LOKHANDE

9039241765| priyanshulokhande72@gmail.com| linkedin.com/in/Priyanshu Lokhande| github.com/AnshLokhande| portfolio

WORK EXPERIENCE

Lecturer | Parasmani Education Solution| **July 2023 - Nov 2023**

- o   Conducted comprehensive instruction in Data Science for the certification course.
- o   Developed and delivered curriculum content, including lectures, assignments, and assessments.
- o   Mentored and guided students in understanding complex data science concepts and methodologies.
- o   Facilitated hands-on workshops and practical exercises to reinforce theoretical concepts.
- o   Assisted students with project work, providing guidance on data analysis, visualization, and machine learning.
- o   Collaborated with fellow educators to enhance the course structure and ensure an optimal learning environment.

PROJECTS

WAll paint visualizer| **Aug 23- Sep 2023**

- o   Allows users to virtually test and select customized wall and floor colors,Increased user interaction by 45% within the first three months of launch.Adopted by over 60% of interior design firms in the region.
- o   Reduced decision-making time for users by 30%.,Adopted by 20% of interior design firms within the first year, aiding in client consultations and project planning.90% of users reported increased satisfaction and confidence in their design choices.
- o   Optimized for fast loading times, handling up to 10,000 simultaneous users without performance degradation.
- o   Utilized Python and OpenCV for processing and rendering images.MongoDB for storing user data, color choices, and project details.
- o   60% of users were homeowners, 30% were professional interior designers, and 10% were contractors,Increased user engagement by 75% as users could visualize their choices in real-time.

Human sentimental behavior analysis | **Sep 23- Dec 2023**

- o   Accurately analyzed and predicted human sentimental behavior using advanced natural language processing (NLP) and sentiment analysis techniques,Achieved an accuracy rate of 92% in sentiment prediction, outperforming existing models by 15%,Utilized by a wide range of industries, including 40% in social media monitoring, 30% in customer service, 20% in market research, and 10% in healthcare.
- o   Python for model development and deployment,Python for model development and deployment,Python for model development and deployment.
- o   Leveraged natural language processing (NLP) techniques,Utilized a combination of LSTM (Long Short-Term Memory) and Transformer-based models for better context understanding,85% of users reported more accurate and actionable insights compared to previous tools.
- o   Seamlessly integrated with existing customer relationship management (CRM) and social media monitoring platforms.

Dehaze remover | **Dec 2023- Mar 2024**

- o   Employs algorithms to automatically enhance visibility in hazy images, improving clarity and detail,Utilized across several industries including 40% in surveillance, 30% in remote sensing, and 30% in automotive safety,Achieved a visibility enhancement accuracy rate of 90%, significantly improving image quality in various conditions.
- o   Python for developing and implementing dehazing algorithms,OpenCV for image processing, TensorFlow, and PyTorch for developing and training machine learning models,Implemented Convolutional Neural Networks (CNNs) and Generative Adversarial Networks (GANs) for image enhancement.

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SKILLS SUMMARY

- ● **Languages**:   JAVA, Javascript, Python ,SQL, Data Structures & Algorithms
- ● **Frameworks**:Spring-boot, Deep Learning , NLP (Natural Language Processing), ReactJs
- ● **Tools**:   Docker, Kubernetes, Git, Postman, MySQL,MongoDB
- ● **Service**:   Distributed Systems, AWS[EC2, S3, EBS, VPC, IAM, Lambda, SNS, Auto-Scaling]

EDUCATION

Sanjeev Agrawal Global Educational   **Nov2002 - Jun 2024**
Bachelor of Computer Application; CGPA:7.75
Shri Vinayakam School   **Betul m.p**

AWARDS/ ACHIEVEMENTS

- o   Secured 7th place in the Jaipur Police-conducted Acc-Hackathon, showcasing innovative contributions in a tech-driven project.
- o   Led a 25-member team to organize the Shirley Setia event at Sage University, ensuring seamless coordination and successful execution.