

Prakhar Shrivastava

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SUMMARY

Highly motivated tech professional with hands-on experience in data science, analytics, and modern frontend development. Skilled in transforming complex data into actionable insights using Python and machine learning. Experienced in building interactive web interfaces with React and Vite. Passionate about solving real-world problems through data-driven approaches.

TECHNICAL SKILLS

Programming Languages: Python, HTML, CSS, JavaScript SQL, MATLAB

Frameworks: TensorFlow, React.js, Vite, Tailwind CSS

Libraries & Tools: NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, GitHub, Excel, Power BI

PROJECTS

Multi Class Animal Classification

Jan 2025

Computer Vision Project

Python, TensorFlow,

- Developed and deployed an image classification model using transfer learning with MobileNetV2 to accurately classify 90 animal species..
- Executed a full-cycle machine learning project, from data preprocessing with ImageDataGenerator and building a custom model architecture to training, evaluation, and saving the final model for production.
- Engineered a robust and scalable solution by leveraging a pre-trained model and fine-tuning it to achieve high-performance classification for a complex multi-class problem.

Smart-Bulk-Email-Sender

Jan 2025

Python

- Developed a bulk email automation tool in Python with authenticated SMTP support.
- Implemented HTML templating and throttling for personalized emails and optimized deliverability.
- Integrated proper email headers to avoid spam filters and ensure high deliverability.

EXPERIENCE

AI/ML Intern

March 2025 – April 2025

Edunet Foundation x Shell x AICTE

India

- Explored Green Skills with AI as part of the Shell-Edunet Skills4Future Internship program
- Gained exposure to AI concepts through hands-on projects and mentor-led sessions.
- Participated in industry-led masterclasses focused on future skills and sustainability.

EDUCATION

VIT Bhopal University

Sehore, MP

B.tech in Computer Science, Artificial Intelligence And Machine Learning

Sep 2023 – May 2027

Miss Hill Higher Secondary School

Gwalior, MP

July 2007 – May 2022

CERTIFICATIONS

- Oracle AI Vector Search Professional
- Deep Learning in Ecological studies
- Geodata Processing Using Python and Machine Learning
- Tata Group - Data Visualisation: Empowering Business with Effective Insights Job Simulation