

Shubh Gupta

+91 8737976728 | shubhorai12@gmail.com | linkedin.com/in/ishubhgupta | github.com/ishubhgupta

EDUCATION

VIT Bhopal University

Bachelor of Technology in Computer Science and Engineering; CGPA: 8.81/10.0

Sehore, MP

Sep 2022 - May 2026

EXPERIENCE

Data Analyst Intern

Sep 2024 - Dec 2024

Preprod Corp

Bengaluru, India

- Designed scalable computer vision models leveraging RCNN and PyTorch, deploying them via Streamlit for a seamless and optimized user interface experience.
- Streamlined NLP workflows by creating a tagging system using NLTK, reducing processing time by 30%.
- Enhanced Agile project delivery by contributing to Scrum ceremonies, leading to a 20% faster feature delivery.

PROJECTS

Accurate | Python, JavaScript, HTML5, CSS, MySQL, Docker

Aug 2023 - Oct 2023

- Developed an AutoML platform for end-to-end automation of data preparation, model evaluation, and analytics.
- Optimized data pipelines and historical tracking for seamless scalability and actionable insights.
- Enhanced user interface for intuitive model management, improving user satisfaction and efficiency.

Energy Insight | Machine Learning, JavaScript, PHP, Gemini API, Git

Aug 2023 - Oct 2023

- Implemented LGBM Regressor for predicting appliance energy loads with an R^2 score of 61%.
- Integrated Gemini API to provide architectural improvement suggestions tailored to user needs.
- Streamlined workflows using predictive analytics to optimize energy efficiency solutions.

EvolkaAI | Web Development, Machine Learning, Deep Learning

Apr 2022 - Jul 2022

- Created a repository for machine learning and computer vision resources, attracting 1000+ users.
- Boosted traffic by 20% through SEO strategies, enhancing discoverability and engagement.
- Improved website performance with modular code design, reducing page load times by 15%.

ACHIEVEMENTS

- Winner of Buildathon Hackathon 2024 among 40+ finalist teams; awarded internship at Preprod Corp.
- Ranked in the top 50 teams out of more than 1000 participants in a prestigious national hackathon organized by GeeksforGeeks and Vultr, demonstrating advanced technical expertise.

CERTIFICATIONS

- Applied Machine Learning in Python** (Coursera) – Dec 2023
- Privacy Security in Online Social Media** (NPTEL) – Apr 2024

RESEARCH AND PUBLICATIONS

S. Gupta, D. Thakur, A. Rastogi, R. Mishra, S. Balabantaray, and M. Bikhani, "Exploring EEG characteristics and machine learning classifiers for accurate detection of eye-blink mistakes," in *Explainable AI (XAI) for Sustainable Development*. Chapman and Hall/CRC, 2024, pp. 89–107.

A. Rastogi, D. Thakur, **S. Gupta**, R. Mishra, S. Balabantaray, and M. Bikhani, "Machine learning advancements in polymer material creation: Successful prediction of glass transition temperature," in *Explainable AI (XAI) for Sustainable Development*. Chapman and Hall/CRC, 2024, pp. 108–126.

TECHNICAL SKILLS

- Programming Languages:** Python, C/C++, SQL, R, Java
- Libraries/Frameworks:** Pandas, NumPy, scikit-learn, TensorFlow, PyTorch, Matplotlib, seaborn, XGBoost
- Data Science Tools and Database:** Jupyter Notebook, Google Colab, MySQL, PostgreSQL, MongoDB,.
- Developer Tools:** Docker, Git, GitHub, VS Code, Linux, Shell Scripting
- Other Skills:** Statistical Analysis, Natural Language Processing (NLP), Computer Vision, Data Visualization