Utsav Kumar

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EDUCATION

Galgotias University	Greater Noida, UP
Bachelor of Technology in Computer Science and Engineering (AI)	*Aug 2023 – July 2027*
Deoghr College	Deoghar, Jharkhand
Senior Secondary School Certificate	*Aug 2022 - May 2023*

EXPERIENCE

Artificial Intelligence and Data Analytics Internship	June 2023 – July 2024
Edunet foundation (IBM and AICTE)	*4 weeks*

- Developed ML models (classification, regression) using Python and Scikit-learn
- Worked on IBM-guided AI projects and used IBM Watson Studio for model deployment
- Gained skills in predictive analytics, cloud tools, and AI ethics concepts

SkillsBuild and IBM Cloud Platform in Emerging Technologies (AI and Cloud)	2024
Edunet foundation (IBM and AICTE)	*4 weeks*

- Learned cloud concepts (IaaS, PaaS, SaaS), virtualization, containers, and serverless workflows
- Completed IBM SkillsBuild labs on AI, ML basics, and cloud-based model deployment
- Worked with IBM Cloud, Watson services, and cloud dashboards for real-time applications

PROJECTS

Transfer Learning Model for Image Classification	2024

- Developed a multi-class image classification model for 120+ dog breeds using Transfer Learning on a pre-trained Convolutional Neural Network
- Managed and cleaned a large dataset of 10,000+ labeled images, including handling class imbalance and preparing the data pipeline

Full-Stack Git Data Visualizer	Aug 2024 – Sep 2024

- Developed a REST API using FastAPI and PostgreSQL to store data from learning management systems
- Developed a full-stack web application using Flask, React, PostgreSQL and Docker to analyze GitHub data

CERTIFICATIONS

PROGRAMMING IN PYTHON | *GUVI*	June 2023 - July 2023

- Demonstrated expertise in python programming through successful completion of this certification
- Completed an intensive Python curriculum covering core concepts, OOP, file handling, and database integration (MySQL)
- Proficiently used Python for data reading/writing from various formats, including JSON and Excel files

PROGRAMMING IN JAVA | *GUVI*	Aug 2023

- Gained experience with Multi-threading and Concurrency concepts to improve application performance and responsiveness
- Implemented robust error handling using Exception Handling (Checked and Unchecked Exceptions) to ensure program stability and reliability

TECHNICAL SKILLS

Languages: Java, Python, C/C++, MySql, JavaScript, HTML/CSS
Frameworks: React, Node.js, Flask, WordPress
Developer Tools: Git, VS Code, Visual Studio, PyCharm
Libraries: pandas, NumPy, React