# SHUBHAM MISHRA

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## SUMMARY

BTech Computer Science student specializing in Artificial Intelligence. Proficient in Python, C, and Java, with hands-on experience in machine learning, deep learning, and NLP. Strong problem-solving skills and a passion for developing AI-driven solutions for real-world challenges.

## EDUCATION

**Chhatrapati Shahu Ji Maharaj University** — **Kanpur, UP**

- Bachelor of Technology, Computer Science and Artificial intelligence — 2021-2025

## EXPERIENCE

**EISYSTEMS SERVICES** — **New Delhi, India**

**Machine Learning Intern** — June 2024 - July 2024

- Participated in the development and implementation of machine learning models to improve predictive analytics for client projects.
- Utilized Python and popular machine learning libraries such as scikit-learn to develop and train models on large datasets.
- Implemented data preprocessing techniques, including feature engineering and normalization, to enhance model performance and accuracy.
- Developed and tested various machine learning algorithms, including regression, classification, and clustering, to address specific business challenges.
- Contributed to the analysis of model performance metrics, providing actionable insights that guided further development and optimization.

**Microsoft Learn AI Skills Challenge**

**Machine Learning Challenge** — October2023

- Enhanced my AI expertise through the **Microsoft Learn AI Skills Challenge**, demonstrating my ability to learn and adapt to new technologies.

## PROJECTS

**Vendors Management System** — Project Link | GitHub

- Developed Streamlined vendor management in a local market by developing a Python-based system integrating Tkinter for a user-friendly interface and SQLite for efficient data storage.
- Facilitated seamless communication, order processing, and collaboration between shopkeepers, dealers, and suppliers.

**Dog Breed Classification** — Project Link | GitHub

- Developed a Dog Breed Classification system utilizing Convolutional Neural Networks (CNN) and MobileNetV2architecture.
- Trained the model on a dataset of over 10,000 dog images, achieving a remarkable accuracy of approximately 95%.
- Managed and preprocessed a diverse dataset of dog breed images, applying techniques such as normalization and augmentation to improve model generalization and accuracy.

## TECHNICAL SKILLS

**Languages**: C, Java, Python, HTML, CSS
**Technologies:** Machine Learning, Data Science, Deep Learning, Natural Language Processing, Artificial Intelligence, SQL
**Tools**: Git & GitHub, Linux, Jupyter, Anaconda
**Coursework:** Operating systems, Data structures, Algorithms, Software Engineering, Database, Computer Networks

## ACHIEVEMENTS

- Successfully completed an advanced **Computer Vision** course on Kaggle, gaining in-depth knowledge and hands-on experience in image processing, object detection, and classification techniques.
- Completed a comprehensive **Machine Learning** course on Udemy, mastering key algorithms and techniques including supervised and unsupervised learning, model evaluation, and feature engineering.
- Gained in-depth knowledge of machine learning concepts, including regression, classification, and clustering techniques, through Udemy's course, and demonstrated proficiency in applying these techniques to diverse datasets.
- **10+** deployed projects made from scratch

## Hobbies

- Passionate about sports and fitness, with experience in cricket, kabaddi, and running, highlighting my energy, enthusiasm, and teamwork skills.
- Utilized sports and running to develop strong physical and mental stamina, translating to increased productivity and focus in professional life.