Shubham Mishra

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Bachelor of Technology, Computer Science and Artificial intelligence
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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech.	Chhatrapati Shahu Ji Maharaj University, Kanpur	**7.73** (Current)	2024 - Present
Senior Secondary (12th)	UP Board	**75.4%**	2019

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.