ASHISH SAHU

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Delhi, India

Summary

Results-driven **B.Tech Computer Science graduate** with expertise in **AI/ML Engineering**, **Backend Development**, and scalable **web applications**. Skilled in **Python, Django, SQL, REST APIs**. Passionate about solving real-world problems and enhancing system performance.

Technical Skills

Programming Languages: C, Python,JavaScript, HTML5, CSS3, SQL,AWS
Frameworks: Django, REST API, Bootstrap 5
Tools: GitHub, Jupyter, PyCharm, VS Code
Databases: MySQL
Soft Skills: Problem-Solving, Collaboration, Time Management

Experience

Associate Software Developer   *Xotiv Technologies, Noida — Dec 2024 – Present*

- Developed scalable backend systems using **Django** and **REST APIs**.
- Optimized SQL queries and indexing, improving database efficiency by **30%**.
- Collaborated with UI/UX teams and applied Agile methodologies for CI/CD.

AI/ML Engineer   *Cashify, Gurgaon — May 2024 – Oct 2024*

- Built end-to-end ML pipelines for data preprocessing, model training, and deployment.
- Increased ML model accuracy from **Upto to 98%** through feature engineering and validation.
- Enhanced model quality by annotating and refining training datasets.

Projects

Disease Prediction System   *Python, Django, ML*

- Designed and implemented a disease prediction system using **machine learning algorithms**, enabling accurate and reliable diagnosis of diseases.
- Developed an interactive **web dashboard** with Python, Django, and data visualization tools for real-time disease diagnosis.
- Improved model performance with **data preprocessing**, feature selection, and model tuning, ensuring high accuracy and scalability.

Movies Recommendation System   *Python, Machine Learning, Content-Based*

- Developed a **content-based movie recommendation engine** using Python and machine learning algorithms, providing **personalized recommendations** based on **genre**, **director**, and **top cast similarity**.
- Implemented **data preprocessing** and **feature engineering techniques** to enhance **recommendation accuracy, precision**, and **relevance**.
- Designed an intuitive **user-friendly interface** displaying movie details such as **title, genre, runtime, ratings, poster, and cast**, improving **user engagement** and experience.

Education

B.Tech in Computer Science and Engineering   *2019 – 2023*
Kamla Nehru Institute of Physical and Social Sciences
CGPA: 7.8 / 10