Rahul Rathod

⌖ Shahada, Maharashtra ✉ rahulrathod244009@gmail.com ☎ 9689244009 in Rahul Rathod ⌗ RhlRtd2112

Objective

Final-year B.Tech AI and ML student with hands-on experience in machine learning, deep learning, and data analysis. Proficient in Python, NLP, and AI frameworks. Passionate about solving real-world problems with technology.

Education

Shri Chakradhar Madhyamik Vidyalaya, Jainagar *2018 – 2019*
10th
- Percentage: 88.60%

Kai. Sau. G. F. Patl Jr. College, Shahada *2020 – 2021*
12th (Science)
- Percentage: 92%

R. C. Patel Institute of Technology, Shirpur *2021 – 2025*
B.Tech - Artificial Intelligence and Machine Learning
- CGPA: 7.09/10 (Up to 7th semester)

Technical Skills

Programming Languages: Python, C, C++, Java

Technologies/Frameworks: HTML5, CSS3, SQL, Flask

Tools & Platforms: Git/GitHub, VS Code, Jupyter, AWS, Google Colab

Projects

Fake Product Review Detection Using Machine Learning *2023*
- Developed a system to classify product reviews as fake or genuine using machine learning algorithms, improving accuracy with features like sentiment, verified purchases, and product category.
- Technologies Used: Machine Learning, Sentiment Analysis
- Tools Used: Python, Naive Bayes, SVM, Random Forest

Fire Detection System Using Deep Learning *2023*
- Developed a system leveraging deep learning and computer vision to detect fires in real-time, aimed at reducing response times and enhancing public safety.
- Technologies Used: Deep learning, Computer Vision
- Tools Used: Python, VS Code, Jupyter, GPUs

InstaFree: Breaking the Scroll *2024*
- Designed an NLP-driven solution to combat Instagram addiction by analyzing public discourse on digital wellness from subreddits and developing personalized interventions for healthier content consumption.
- Technologies Used: NLP, LSTM, BERT Fine-Tuning
- Tools Used: Python, Numpy, Pandas, Scikit-learn, NLTK, Spacy, PyCharm, Jupyter Notebook, VS Code

Credit Card Fraud Detection with TensorFlow *2024*
- Built a model to classify transactions as fraudulent or legitimate, addressing class imbalance using L2 regularization and dropout layers.
- Technologies Used: Deep Learning, Imbalanced Data Handling, Precision-Recall Optimization
- Tools Used: Python, TensorFlow, sklearn

Certifications

AWS Academy Graduate	**C & C++ Combo Course**	**Internal Smart India Hackathon**
AWS Academy	*NexTech Infosystems*	*Smart India Hackathon*
July, 2023	*2022*	*2023*