Abhiyanshu Anand

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Objective

I am an enthusiastic and highly motivated individual passionate about Artificial Intelligence (AI) and Machine Learning (ML). I am particularly interested in applying data science, deep learning, and automation techniques to solve complex real-world problems across various industries. My goal is to contribute to groundbreaking projects that leverage AI and ML to create impactful solutions while constantly enhancing my technical skills and knowledge through collaborative work in dynamic environments. I am eager to collaborate with talented teams that are working on cutting-edge technologies and innovations.

Education

Bachelor of Technology in Computer Science and Engineering (AIML) 2022 - 2026
JSS Academy of Technical Education, Noida (Affiliated with AKTU) Noida, Uttar Pradesh

12th Grade (Central Board of Secondary Education, CBSE) - 90% 2022
YMCA, Prayagraj, Uttar Pradesh

10th Grade (Central Board of Secondary Education, CBSE) - 90% 2020
Ramanujan Public School, Prayagraj, Uttar Pradesh

Technical Skills

- **Programming Languages:** Python, Java
- **Machine Learning & Artificial Intelligence:** TensorFlow, Scikit-learn, OpenCV
- **Data Science and Visualization:** Pandas, Matplotlib, Seaborn
- **Databases:** MySQL, SQL
- **Tools and Frameworks:** Jupyter Notebook, Google Colab, Visual Studio Code
- **Version Control:** Git, GitHub

Internship Experience

Machine Learning Intern – Acmegrade Training *April 2024 - June 2024*

- Developed machine learning models for automated decision-making applications aimed at streamlining business processes.
- Worked with large datasets to extract meaningful insights and help optimize system performance through data analysis.
- Collaborated with a team of data scientists and engineers to refine machine learning models and improve model accuracy.
- Implemented various machine learning algorithms, including regression, classification, and clustering, using Python.

Projects

- **Cancer Prediction System:** Developed an AI-based model using machine learning and image processing techniques to identify and predict the early stages of cancer from medical imaging data.
- **Stock Market Prediction:** Built time-series forecasting models using historical stock market data to predict future trends and help guide investment decisions.
- **Face Recognition Attendance System:** Created an automated attendance system that uses facial recognition technology to record attendance, ensuring accuracy and minimizing human error.
- **Movie Recommendation System:** Designed a recommendation engine using collaborative filtering and machine learning algorithms to suggest movies based on user preferences and viewing history.

Certifications and Workshops

- **Ethical Hacking Certification** – Infosys (2023)
- **Deep Learning for Smart Cities** – National Institute of Technology (NIT), Rourkela (2023)
- **AI and Machine Learning Workshop** – Indian Institute of Technology (IIT), Roorkee and IIT Delhi (2024)
- **Natural Language Processing (NLP) for Machine Learning** – Infosys (2023)
- **Python and Java Programming Certifications** – Infosys, IIT Bombay (2023)
- **B.Sc. Foundation Level in Programming** – Indian Institute of Technology (IIT), Madras (2024)

Achievements

- Qualified the National Talent Search Examination (NTSE) Stage 1, showcasing strong analytical and problem-solving skills.
- Participated in the Kishore Vaigyanik Protsahan Yojana (KVPY) and Pre-Regional Mathematical Olympiad (PRMO), demonstrating a passion for mathematics and scientific inquiry.
- Awarded a Gold Medal in the Vedic Mathematics Competition, highlighting my aptitude for quick mental calculations and problem-solving techniques.

Soft Skills

- Strong problem-solving abilities, with a focus on finding innovative solutions to complex challenges.
- Teamwork and collaboration skills, developed through academic projects and internships.
- Adaptability to fast-paced environments and the ability to quickly learn new technologies and tools.
- Analytical thinking, with the ability to break down complex problems and develop structured, logical approaches.