

Abhay Pratap

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SUMMARY

A highly driven individual seeking a role in an innovative organization. Possessing comprehensive knowledge of languages and development tools. In addition to advancing my own career development, I hope to use my expertise to greatly contribute to the company's success.

EDUCATION

B. TECH in Information Technology

Pranveer Singh Institute Of Technology • Kanpur • 2024 • 7 CGPA

Intermediate - CBSE

Oxford Model Senior Secondary School , Shyam Nagar • Kanpur • 2019 • 60.74 %

High School - CBSE

Kendriya Vidyalaya No 2 AFS Chakeri • Kanpur • 2017 • 7.4 CGPA

PROJECTS

BRAIN TUMOR SEGMENTATION (October 2023 – Present)

- Developed an automated brain tumor segmentation approach employing sophisticated deep learning architectures (U-Net and ResU-Net), obtaining outstanding accuracies of 92.15% and 90.58%, respectively.
- The project holds the potential to aid healthcare practitioners in early tumor diagnosis, resulting in more prompt and successful treatment techniques.

EMAIL SPAM CLASSIFIER (January 2023- June 2023)

- Developed and implemented a machine learning model for email spam classification, utilizing a naive Bayes classifier.
- Achieved high accuracy in predicting spam and non-spam emails by leveraging prior email data for training the model.
- Highlighted skills in data preprocessing, model training, and evaluation, showcasing a strong understanding of machine learning concepts.

WEATHER FORECASTING APPLICATION (April 2021 - September 2021)

- Created a weather forecasting application using HTML, CSS, and JavaScript, providing real-time weather details for any location.
- Integrated the Open Weather Map API as the backend to retrieve weather data, ensuring accurate and up-to-date information for users.
- Demonstrated proficiency in front-end development and API integration, showcasing the ability to create functional and visually appealing web applications.
- Contributed to improving the user experience by delivering accurate weather forecasts and highlighting skills in web development and API utilization.

CERTIFICATIONS

- Python (Basic)Certificate (HackerRank)
- Problem-Solving (Basic) Certificate (HackerRank)
- Programming Fundamentals using Python-Part 1 and 2 (Infosys Springboard)
- Certificate of Excellence in Java (Coding Ninjas)
- Techexpo (Cutting Edge Technologies) 2022: 'The Project Display Contest' at PSIT for securing 'B' Grade

ACHIEVEMENTS

- 5-star Problem Solving @HackerRank
- 4-star Python @HackerRank
- 2-Stars Coder @Codechef
- 500+ problems solved on coding platforms

SKILLS

Python, Data Structure, HTML, CSS, JavaScript, Database Management System(DBMS), OOPS, Machine Learning, MS-Excel, MS-Office, Adaptability, Analytical, Self-motivated