

ADITYA PRATAP SINGH  
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## EDUCATION

<b>Bachelor of Technology, Computer Science and Information Technology</b> Ajay Kumar Garg Engineering College (AKTU) CGPA: 7.60	<b>(Nov 2021-Present)</b> Ghaziabad, Uttar Pradesh
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<b>Class-XII, PCM</b> Dharam Public Sr. Sec. School (CBSE) Percentage: 86.83%	<b>(March 2019-April 2020)</b> Greater Noida, Uttar Pradesh
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<b>Class-X</b> Dharam Public Sr. Sec. School (CBSE) Percentage: 88.66%	<b>(March 2017-April 2018)</b> Greater Noida, Uttar Pradesh
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## PROJECTS

- **Diamond Price Predictor** [*GitHub*]
  1. Engineered a **machine learning model using Ridge regression to predict diamond prices**, leveraging advanced feature engineering and data analysis techniques to optimize accuracy and interpretability.
  2. Attained an **R2 score of 93.69%, RMSE of 1013.91, and MAE of 674.06, facilitating data-driven decision-making in the diamond industry** through the implementation of a high-performing predictive model.
- **Smart Invoice Extractor** [*GitHub*]
  1. Leverages the power of **Gemini Pro Vision** Open API and capable of extracting information from **invoices in multiple languages**.
  2. **Utilizes Streamlit** to provide an **intuitive web interface for uploading images in various formats** and viewing extracted information.

## SKILLS

- **Programming Languages:** C,C++, Python, Java
- **Coursework:** Data Structures, Algorithms, Operating Systems, OOP, DBMS, Computer Networks
- **Web Technologies:** HTML, CSS, Flask, Streamlit
- **Machine Learning & Data Science:** ML Algorithms, Neural Networks, NLP, Generative AI, Scikit-learn
- **Databases:** SQL, MongoDB
- **Version Control:** Git, GitHub
- **Visualization & Statistical Tools:** Seaborn, Numpy, Matplotlib, Pandas

## ACHIEVEMENTS

- Secured **17th place out of 250 teams** in 'HackOverflow', **hackathon organized by IIT-Jodhpur**, demonstrating strong teamwork and innovative problem-solving skills. [**Certificate**]
- **Advanced to the finals** in Tech-Trivia, a highly competitive business and technology **quiz conducted by IIT-Jodhpur**, demonstrating exceptional knowledge. [**Certificate**]
- **Published a research paper**, titled 'Leveraging SVM Technique for Identifying Fraudulent Credit Card Activity' **in college's research journal**.
- Actively solved **over 200 problems** on leading coding platforms such as GeeksForGeeks and LeetCode, consistently enhancing problem-solving skills and algorithmic thinking. [**GFG Profile**] [**Leetcode profile**]

## CERTIFICATIONS

- **IBM Skill build Certification: Artificial Intelligence Fundamentals** *Issued: July 2024*  
Secured a notable score of **80%** in final assessment demonstrating knowledge of **AI concepts like Computer Vision and NLP**. [**Certificate**]
- **Oracle Certification: OCI Generative AI Professional** *Issued: July 2024*  
Achieved a comprehensive score of **87.5%** in Proctored examination validating my proficiency in **Large Language models, Vector Databases and RAG Models**. [**Certificate**]