

Jatin Chaudhary

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Bachelor of Technology

Galgotias College of Engineering and Technology, Greater Noida

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Education

-Galgotias College of Engineering and Technology, Greater Noida

Final-year, B-Tech in Computer Science with specialization in AI

2020-24

CGPA: 8.43(till 6th Sem)

-Ramanlal Shorawala Public School, Mathura

12th, Central Board of Secondary Education(C.B.S.E)

2019

Percentage: 96.4

-Ramanlal Shorawala Public School, Mathura

10th, Central Board of Secondary Education(C.B.S.E)

2017

CGPA: 10.0

Personal Projects

-Sentiment Analyser

[Jun 2023 – Jul 2023]

A team project where we developed a real-time model leveraging data pipelines to analyze sentiments from streaming Twitter data, processing an average of 1000 tweets per minute.

- Served as a Machine Learning Developer.
- Implemented an automated sentiment analysis algorithm, categorizing comments into positive, negative, and neutral sentiments with an accuracy of 85%.
- Employed technologies such as Jupyter Notebook, Python, and MySQL for development, data management, and model implementation.

-Plant Disease Detection

[Feb 2023 – Mar 2023]

Engineered a sophisticated Convolutional Neural Network (CNN) model that accurately classifies leaf images across more than 35 distinct categories with an accuracy of 95%.

- Enhanced deep learning capabilities in plant recognition, contributing to a 10% increase in the speed and efficiency of identifying plant species in the field.
- Used Jupyter Notebook and PyTorch for development, increasing the efficiency of the model development process by 30%.

-Instruction Generator Tool(The Smartinator)

[Nov 2022 – Dec 2022]

Led the development of an online platform providing detailed instructions and visuals for over 90% of inquiries, boosting user engagement by 70%.

- Handled the backend of the project.
- Utilized OpenAI to generate step-by-step solutions for real-world problems, enhancing task efficiency by 50%.
- Employed AI technology to create related images, improving user understanding and memory retention by 40%.
- Integrated technologies such as JavaScript, ReactJS, OpenAI, and ChatGPT modules for implementation, reducing development time by 30%.

Technical Skills and Interests

• **Languages :** C/C++ | Python | JavaScript | HTML+CSS

• **Libraries :** C++ STL | Python Libraries

• **Web Dev Tools :** VScode | Git | Github

• **Cloud/Databases :** Relational Database(MySQL)

• **Relevant Coursework :** Data Structures & Algorithms | Operating Systems | Object Oriented Programming | Database Management System | Computer Networks | Artificial Intelligence | Machine Learning

• **Areas of Interest :** Web Design and Development | Data Science

• **Personal Competencies :** Learning Attitude | Team Work | Decisiveness | Delegation | Flexibility

• **Spoken Languages :** English | Hindi

Certifications

• IIoT, Developing Soft skills and personality, Enhancing soft skills and personality from NPTEL.

• AI Foundation and Cloud Computing Foundation certifications by Wipro FutureSkill.

• Data Science and Fundamental of Python Programming and Analytics by YBI Foundation.

• Solutions Architecture Job Simulation by AWS.

• AI Primer Certification by Infosys Springboard.

Achievements

• Contributed to Flipkart's GRiD 5.0 - Software Development Track Level 1.2 Qualifier Quiz as a team member of 3.

• Received the Most Innovative Idea Award at Product Launch Event, GCET.

• Achieved 1st position in Academic , Intermediate , Ramanlal Shorawala Public School, Mathura.

Extra Curricular Activities

• Active participant in Extreme CSE Club, contributing to 4(Sports, Management, Technical, and Editorial) departments.

• Achieved 2nd Runner-up in Inter School Cricket with 10 competing teams.

• Ranked 5th in Inter School Football among 12+ teams.