

# AKASH GUPTA

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## SUMMARY

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I am a final year CSE student with a strong foundation in programming. I have a keen interest in emerging technologies like AI and ML. With excellent communication and leadership skills, I am a team player who has demonstrated the ability to work collaboratively with individuals from diverse backgrounds. Seeking an opportunity to apply my skills to solve real-world problems and make a meaningful contribution to the tech industry.

## EDUCATION

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**Moradabad Institute of Technology, Moradabad**

*B.Tech in Computer Science Engineering*

**June. 2019 – May 2023**

*CGPA : 7.6/10*

**Gandhi Nagar Public School**

*Class 12th - CBSE*

**May. 2018 – May 2019**

*Percentage: 66.4%*

## PROJECTS

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**An Improved CNN Model for semantic segmentation of liver.** | [Github](#)

- This project is based on Medical Image Analysis in the domain of Liver Segmentation using an improved **CNN algorithm** and some **python libraries**.
- Through this project one could easily segment the liver portion in medical images and depict its volume which is very important to know before treating any liver related disease

**Sparks Fund Investment Data Analysis.** | [Github](#)

- The CEO of Spark Funds wants to understand the global trends in investments so that she can take the investment decisions effectively.
- In the process of **data analysis**, I performed **EDA** on the data set and found meaningful insights by using **python** libraries like **NumPy, Pandas, Matplotlib**

**Website using Django** | [Github](#)

- Developed a responsive website using **Django**, Bootstrap, and CSS to ensure cross-device compatibility and create a visually appealing design. Implemented sign up and login functionality using both **MySQL** and **SQLite** as the database management systems to store and retrieve user data efficiently.
- Utilized Django's templating engine and object-relational mapping to create dynamic web pages and perform CRUD operations.
- **Tech Stack : Python , SQL, SQLite , MySQL, Bootstrap, HTML, CSS**

**Todo-List using React** | [Github](#)

- I developed a to-do list application using React, utilizing hooks like **useState** and **props** to manage the application's state and data flow between components. The application allowed users to add, edit, and delete to-do items along with their titles and descriptions.
- Through this project, I enhanced my skills as a React developer and gained experience in creating a responsive and user-friendly interface.

## TECHNICAL SKILLS

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- Programming - **Python, Java-Script, C++**
- Web Development - **HTML/CSS , Bootstrap, React**
- Utilities - **SQL, MySQL , Django**

## CERTIFICATES

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- Introduction to Python (NPTEL)
- Developing Soft Skills and personality (NPTEL)
- Data Science with Python (TCE InfoSolutions)
- Introduction to Machine Learning (NPTEL)

## PROFESSIONAL AFFILIATIONS HONORS:

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- Event Coordinator, Literary Society – MIT moradabad
- Participated in Smart India Hackthon 2022