

# Ankit Kumar

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## EDUCATION

**Vishwakarma Institute of Technology, Pune**

**2020-2024**

Bachelor of Technology in Artificial Intelligence and Data Science with Distinction (CGPA 7.65/10)

## PROFESSIONAL EXPERIENCE

**The Sparks Foundation | Web Development Intern**

**May 2021 – June 2021**

- Worked on creating a dynamic Basic Banking System Website. Design and created a database for customers with basic fields such as name, email, current balance, transfer table etc.

**Jai Balaji Constructions Intern | Business Development Intern**

**July 2022 – August 2022**

- Collaborated with the procurement team to monitor and maintain inventory levels of construction materials and supplies.
- Analyzed industry trends, competitive landscape and market demands to inform business strategies.
- Communicated effectively with the clients and prospects through email, phone calls and meetings.

## ACADEMIC PROJECTS AND PAPERS

**IPL Data Analytics using Python**

- Data analysis of various statistics from IPL 2008 to IPL 2020 using python libraries such as pandas, numpy, matplotlib, seaborn.
- Tech Stack: HTML, CSS

**E-Commerce Shopping Price Comparison Website**

- Built a website which could help a user to compare prices of different products available across several e commerce platforms.
- Tech Stack: HTML, CSS, REACT

**Image Enhancement Using Diffusion Models and StyleGAN**

- Developed an advanced image enhancement system utilizing diffusion models for noise reduction and image denoising, and StyleGAN for generating realistic, high-resolution images.
- Tech Stack: Python, Machine Learning, Deep Learning.

**Covid 19 Data Analytics**

- Data Analysis of Covid 19 data of India as well as the most Covid affected countries.
- Made several plots, bar-charts and graphs to better understand the situation in various parts of the world.

## SKILLS

- Python, C++ Programming, DBMS, SQL, Operating system
- Cyber security, Data science, Machine learning, OOPS, Cloud computing

## EXTRA CURRICULAR ACTIVITIES

- Member of the organizing team of IT department's farewell of 2023 batch. Worked as food In-charge and organized food for more than 250 people.
- Coordinator at the Social Welfare and Development Committee (Utkarsh), VIT Pune for the year 2022, and actively participated in campaign which taught underprivileged students, facilitating broader access to quality education for underprivileged youth.

## ORGANIZATIONS

- Member NPS Gurukulam Public School

**June 2023-August 2023**