

# ASHISH KUMAR PATEL

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## Technical Skills


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**Languages :** Java, C++, Python, SQL

**Technologies and Tools:** Machine learning, Data analysis, Git, GitHub, HTML, CSS, JavaScript, React js, Firebase

## Certifications

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**Google Cloud Foundations Program** (Google) 

**IBM AI Engineer Professional Certification** (Coursera) 

**Postman API Fundamental Student Expert** (Postman) 

## Education

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**Vellore Institute of Technology, Bhopal**

*Integrated MTECH Computer Science (Computational and Data Science), 8.83/10*

**September 2021 - Ongoing**

*Bhopal, Madhya Pradesh*

**School of excellence no. 1 , Sidhi**

*MPBSE 12th STD, 98%*

**May 2021**

*Sidhi, Madhya Pradesh*

**School of excellence no. 1 , Sidhi**

*MPBSE 10th STD, 98%*

**May 2019**

*Sidhi, Madhya Pradesh*

## Experience

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**NullClass EDTech Private Limited**

*Data Science Intern*

**December 2024 – January 2025**



*Remote*

- Developed an Age and Gender detection model using OpenCV, achieving **88% accuracy**. Led the complete data science lifecycle, Utilized a publicly available dataset (e.g., UTKFace), Data preprocessing, feature engineering, and model training. Performed thorough performance evaluation using metrics such as accuracy, precision, and recall to ensure robust model performance.

## Projects


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**Medistats – Behavioral Disorder Analysis** | *MongoDB, React JS, REST API, Firebase* **June 2024– September 2024**

- Developed a web platform for **early detection of behavioral disorders** in children aged 0-5, collaborating with **5 healthcare professionals** to ensure accuracy and relevance.
- Integrated an intuitive interface with custom-built APIs for **real-time result prediction**, enhancing **user engagement by 30%** and accelerating processing speed by 20%.
- Built backend services managing **over 25+ user records** and **automating communication** with a 95% success rate.  
 [Github Link](#)  [Web Link](#)

**FarmAdvisor AI** | *Python, HTML, CSS, JS, Bootstrap*

**October 2022 – January 2023**

- Developed** an advanced **ML and DL**-powered recommender system (**20% performance boost**) guiding users on optimal crops, fertilizers, and diagnosing crop diseases.
- Implemented a user friendly support platform, integrating **API-driven user interactions**, enhancing system **efficiency by 30%**, and introducing a community-driven feature.
- Designed 4 **interactive modules** (tests, recommendations, logs), leveraging custom APIs to amplify platform functionality and drive **user engagement by 25%**.  [Github Link](#)

## Extra-Curricular/Achievement

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- Earned the **STARS Scholarship** at VIT Bhopal University by **ranking #1** in the district in the 12th board exams.
- Secured 34th Rank in GSSoC'24 Leaderboard as Open source Contributor, Merged 81 PRs, Scored 2335.
- LeetCode: Solved **650+ problems**, achieving a rating of **1550 (Top 22%)**; CodeForces: rating of 870; GeeksforGeeks: Rated among the **Top 2.89%** coders with a **rating of 1750**.
- Participated in the Microsoft Learn Student Ambassadors Challenge on Azure Fundamental.

## Additional

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- Languages** – Hindi (Native), English.