

# Ayush Sharma

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## EDUCATION

### Meerut Institute of Engineering and Technology

Bachelor of Technology in Computer Science [70%]

Meerut, UP

Aug 2021 – June 2025

### Kadam Public School (CBSE)

12th PCM [94%]

Meerut, UP

April 2020 – May 2021

### Kadam Public School (CBSE)

10th [88.4%]

Meerut, UP

April 2018 – May 2019

## EXPERIENCE

### Machine Learning Intern

Unified Mentor

Sep 2024 – Present

Gurugram, Haryana

- Contributing to ML model development with a focus on performance optimization and scalability.
- Implementing model validation techniques to ensure reliability and accuracy in real-world applications.
- Conducted research on AI/ML advancements and applied new techniques to enhance ongoing projects.

### Internshala Student Partner (ISP)

Internshala

Aug 2024 – Present

Meerut, UP

- Promoted Internshala's online training and internships, boosting student engagement and opportunities.
- Motivated students to upskill through Internshala programs, enhancing their career prospects.
- Leveraged digital marketing to successfully connect students with internships and jobs through Internshala campaigns.

### Web Development and Designing [Link](#)

Oasis Infobyte

July 2024 – Aug 2024

Meerut, UP

- Focused on building and designing websites while enhancing hands-on web development skills.
- Collaborated with the team to execute web development tasks, teamwork and adaptability.
- Gained practical experience in front-end and back-end development.
- Acquired valuable insights into the web development industry, preparing for future projects and roles.

## PROJECTS

### Hybrid Leaf Disease Detection/ Python, CNN, ViT, TensorFlow/Keras

June 2024 – Present

- Developed an intelligent system for automatic detection of leaf diseases with over 80% accuracy.
- Combined CNN and ViT models to enhance the precision and speed of disease identification.
- Achieved accurate detection of multiple leaf diseases, contributing to early intervention and reduced crop losses.
- Used Deep Learning, Image Processing, Model Optimization, Data Automation.

### Diabetes Prediction using Machine Learning | Python, Scikit-learn, Google Colab

Sep 2024 – Present

- Developed a machine learning model to predict diabetes likelihood using health metrics.
- Optimized model performance through hyperparameter tuning and cross-validation techniques.
- Evaluated multiple algorithms, including Logistic Regression and Random Forest, achieving high prediction accuracy.
- Implemented data preprocessing techniques such as feature normalization and handling missing values to enhance model reliability.

## TECHNICAL SKILLS

**Languages:** Java, Python, C/C++, MySQL, JavaScript, HTML/CSS

**Developer Tools:** VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse, Git/GitHub

**Cloud Computing:** AWS, Azure, Google Cloud Platform

**Others:** DBMS, AI/ML/DL, Linux, Generative AI, OOPs, MS Office