

# SUYASH MISHRA

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## Education

- Madan Mohan Malaviya University of Technology, Gorakhpur** 2022- 2026  
B.Tech. in Computer Science & Engineering 8.25/10 CGPA

## Experiences

- Department of Science & Technology, Government of India** Feb 2025 - current  
**Project Associate** Remote  
Currently a Project Associate at the Department of Science and Technology (DST), Government of India, working on EdTech platform improvements using AI/ML concepts.
- IFACET IIT Kanpur** July 2024-Aug 2024  
**Training Program (Learning)** Remote  
The internship and project work entitled **File Sharing App** (major), **Photo-Social Mern** (minor), designed as **Full Stack Web Development** (MongoDB, ExpressJS, React and Node JS) Advance.

## Projects

- File Sharing App** [link](#)  
Built a secure full-stack web application enabling file uploads and downloads via unique shareable links using Node.js and React. Integrated file handling with Multer, MongoDB for metadata storage, and Express.js for secure file upload and delivery.  
**Tech Stack:** MongoDB, Express.js, React.js, Node.js, JavaScript, Multer, Cloudinary, Axios, Git/GitHub.
- AyurvaBot** [link](#)  
AyurvaBot integrates **RAG** and **LLM**, providing personalized remedies using AI, offering traditional wellness solutions through interactive conversations.  
Optimized model performance by applying advanced **NLP** techniques like **TF-IDF** for text **feature extraction**, resulting in superior **sensitivity**.  
**Tech Stack:** Python, Scikit-learn, Logistic Regression, Random Forest, NLP (TF-IDF, NLTK), Pandas, NumPy, Matplotlib, Seaborn, Kaggle Notebook, Git/GitHub, Gradio.

## Skills

- Programming Languages:** Python, C++, SQL, C, JavaScript
- Frameworks:** flask, Pandas, NumPy, Seaborn, ExpressJS
- Tools:** Power BI, Power Point, Claude AI, MSWord
- Platforms:** PyCharm, Jupyter Notebook, Visual Studio Code, Kaggle, Google Collab, Hugging Face
- Soft Skills:** Excellent Communication, Public Addressing, Management

## Certificates

- Accenture Nordics - Software Engineering Job Simulation Mastering Data, Accenture
- Mastering Data Structure & Algorithms using C and C++, Udemy
- Winter School on Artificial Intelligence - Machine Learning & Learning Technologies, DST
- Operating System: Learn Fundamentals of Operating System, Scaler

## Achievements

- Solved **100+** DSA problems, building problem solving skills.
- Presented an innovative and cost-effective content generation idea for school students' board exams at RGU's Winter School, earning special appraisal for its uniqueness and impact.
- Achieved **Code Chef rating of 1417**, showcasing problem-solving skills and a strong foundation in Data Structures
- Serve-Smart Hackathon IIT Bhu 2024-2025:** Finalist in Serve-Smart Hackathon, IIT BHU, selected from 1200+ project submissions.
- Elected Mess Secretary, where I led and coordinated daily operations for a diverse group of members, honed my leadership and people-management skills, and successfully mediated conflicts to maintain a harmonious community.