

MEHAK

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SUMMARY

Computer Science student specializing in **Python**. I've developed successful applications, including a **Smart India Hackathon 2023** winning blockchain project, using Flask, MongoDB, and Scikit-learn. I excel at solving complex problems and delivering scalable solutions.

TECHNICAL SKILLS

Languages: Python, SQL, HTML/CSS, C++, Blockchain

Libraries and Frameworks: Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, SciPy, Flask, NLP

Platforms: Git & GitHub, Jupyter Notebook, VS Code, AutoCad

EXPERIENCE

Network Intern at Zerone Technologies Pvt Ltd | Gurugram, India June 2025 – August 2025

- Designed using AutoCAD and configured network infrastructure for IT and ELV systems, contributing to client projects.
- Gained hands-on experience in Cisco routing and switching, implementing core principles such as VLANs and OSPF.

PROJECTS

Mentora – Platform for Bridging Gaps in Student-Faculty Project Opportunities 2025
(live)

- Created a platform enabling students to find ideal mentors based on their project domain and interests.
- Implemented a matching algorithm using NLP keyword extraction, overlap scoring, and profile similarity.

Drug-Drug Interaction Prediction System (Live) 2025

- ML-based system built to predict adverse drug-drug interactions.
- Used Random Forest and Gradient Boosting for accurate predictions and better accuracy score.
- Integrated data using MongoDB (unstructured).

Crop Recommendation System 2024

- Developed a crop recommendation model using multiple algorithms.
- Random Forest was selected based on performance with 97- 98% precision.
- Integrated the final model into a Flask web application, enabling smart agricultural decisions .

Blockchain-Based Certification Generator (SIH Winner 2023) 2023

- Created a platform to issue and verify certificates using Blockchain.
- Used smart contracts for secure, tamper-proof digital credentials.
- Won the Smart India Hackathon 2023 for innovation and impact.

Education

K.R. Mangalam University, Bachelor of Technology – Computer Science Engineering 2022-2026

- SGPA: 8.23

ADDITIONAL INFORMATION

AWARDS : Smart India Hackathon 2023 - Winner

CERTIFICATIONS: Drone & Robotics Bootcamp – IIT Mandi, Dean's Honor List (2025), Web Application Development(Udemy), Secretary General at SFS MUN COLLOQUIUM XI.

STRENGTHS : Analytical Thinking, Problem-Solving Mindset, Initiative & Proactiveness, Team Collaboration.