

Kunal Mahajan

B.Tech – Data Science and Artificial Intelligence Engineering

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EDUCATION

B.tech, *International Institute of Information Technology*

2020 – present

Current CGPA- 7.99

Senior Secondary,
K.K Convent School MP Board

2019

Percentage - 75%

Secondary,
Gokuldas Public School CBSE Board

2017

CGPA - 8.6

PROFESSIONAL EXPERIENCE

CGNet Swara, *Tech Intern*

10/2021 – 12/2021

- Collaborated with CGNet Swara tech team to deploy the Satyagraha app on AWS, linking database to RDS and persistence media files to S3 storage.
- Successfully migrated applications and data from legacy data centers to cloud-based environments.
- Implemented cost-saving strategies to optimize computation and storage expenses, enhancing overall efficiency.

POSITIONS OF RESPONSIBILITY

Marketing Head in Technovate

07/2022 – 09/2022

Serving as the Marketing Head for Technovate, IIIT-NR's annual techno-cultural fest, and managed a significant scale with over 7000 registrations.

Core Member in E-Cell

01/2021 – 08/2021

Played a pivotal role in organizing IIIT NR's inaugural ESummit, which attracted over 2700 registrations and featured distinguished speakers from across the nation.

Member in HackaSol 2.0

09/2021 – 01/2022

Played a key role in the success of HackaSol 2.0, a prominent pan-India hackathon organized by Tech4gud and IIIT Naya Raipur's Student Activity Center.

TECHNICAL PROJECTS

E-commerce Website 🔗

- Created a comprehensive E-commerce site with Django, featuring essential functions.
- Established Jenkins CI/CD for automated builds, Docker, and ECR deployment.
- Hosted on AWS ECS with S3, RDS, and Lambda integration for seamless operation.

Customer Chatbot 🔗

- Developed a customer chatbot using Rasa to automate service for an e-commerce site.
- Designed 19 scenarios with 1200 intents for accurate NLU training in Rasa.
- Integrated custom actions, form validation, and MySQL queries into a Dockerized application with compose.

Vehicle Locate 🔗

- Developed a vehicle tracking app with a global edge server architecture for license plate data detection.
- This architecture allows edge devices easily detect the license plate details, while a global server efficiently manages and processes the data.

SKILLS

- **Languages:** C++; Python; Bash; HTML; SQL;.
- **Tools:** Docker; Jenkins; Git; Ansible; Linux;
- **Cloud Services:** AWS; GCP;
- **Frameworks and Libraries:** Django; Rasa; Selenium; Pandas; SKlearn; Tensorflow; OpenCV;
- **Soft Skills:** Communication Skills; Interpersonal Skills

ACHIEVEMENTS AND CERTIFICATION

Scholarship

Received a prestigious scholarship of over 6 Lakh INR from the Madhya Pradesh Government for Senior Secondary academic performance.

AWS Educate

Storage 🔗 , Database 🔗 , Serverless 🔗 , Compute 🔗 , Networking 🔗