

AYUSH KUMAWAT

■ OBJECTIVE

As a dedicated B.Tech. student in Computer Science specializing in Artificial Intelligence and Data Science, my passion for developing impactful software and completing projects in detection, prediction, and classification has equipped me with a robust understanding of practical applications in these innovative technologies. Seeking a challenging role that allows me to leverage my skills and knowledge to contribute meaningfully to the field while continuously learning and growing as a professional.

■ INTERNSHIP & POSITIONS

Personify

Machine Learning Intern

Aug 2022 - Nov 2022

- Worked on different ML technologies & completed news classification project which has given me a hands-on experience with NLP and data analysis techniques.

ACM Student Chapter (Association for Computing Machinery)

Chairperson of ACM

jun 2023 - Present

- Developed leadership and teamwork skills through chairing the ACM student chapter
- Facilitated collaborative working, networking, managed and coordinated team activities

GeeksforGeeks Student Chapter

Design & Branding Head

Oct 2022 - Present

- Mentored a team developing excellent communication & attention to detail skills
- Organized events and managed team coordination for GFG student chapter

■ PATENT PUBLISHED

Voice - Automated Table Service System for Virtual Ordering

Application No. : 202321013305A

Issued on Mar 17, 2023

■ PROJECTS

AI - MedDiagnose

- It is an open-source website enabling users to pre-diagnose diseases based on symptoms, leveraging ML models for disease detection.
- Implemented a virtual AI assistant to answer medical queries using OpenAI's GPT model - 3.5 turbo.

Bus Passenger Management Using Smart Card Technology

- It is an interactive GUI application solving bus passenger management issues in organizations & using QR code based smart-card technology to verify person.
- Improved transportation facility by optimizing bus passenger flow.

Drone Detection using YOLOv5

- Real-time detection of drones with multiple detections simultaneously with coordinates.
- Custom-trained the YOLOv5 model using Roboflow for dataset preparation and transformation.

Facial Recognition with Gender Detection

- This project helps in real-time facial recognition and gender detection system using a single clear image of a person.
- Deployed on Nvidia's Jetson nano and received the 'AI Specialist' title from Nvidia's Deep Learning Institute.

■ ACHIEVEMENTS & CERTIFICATIONS

- **NVIDIA** - Jetson AI Specialist
- **Google Cloud, AMD** - Won Institute level Solving for India Hackathon
- **IBM** - Applied Data Science Capstone
- **Hacker Rank** - Completed Problem Solving Assessment
- **NPTEL** - Data Structures & Algorithms, Scored Overall 66%



■ PORTFOLIO



<https://Ayushkumawat.github.io/Portfolio>

■ CONTACT



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github.com/Ayushkumawat



linkedin.com/in/ayush-kumawat

■ EDUCATION

B.Tech in Artificial Intelligence & Data Science (CSE) 2020 - 2024

Sage University Indore

CGPA : 8.5

PCMB - 12th 2019 - 2020

Guru Ram Das Public School

Scored: 72%

■ TECHNICAL SKILLS

- Machine Learning • PyTorch
- Image Processing • Computer Vision
- OpenCV • Scikit-Learn
- NLP • Data Analysis

■ PROFESSIONAL SKILLS

- Management • Professionalism
- Communication • Critical Thinking

■ LANGUAGES

- Python
- JavaScript
- React Js
- HTML
- SQL
- CSS