

Dev Mandal

Dehradun(Uttarakhand) | P: +91-7302003453| mandaldev387@gmail.com

EDUCATION

Uttaranchal University | Dehradun, India

Master of Computer Applications (MCA) | 2024 – 2026 | CGPA: 7.8 (Till Date)

Relevant Coursework: Machine Learning, Database Management Systems (DBMS), Artificial Intelligence

Bachelor of Computer Applications (BCA) | 2021 – 2024 | CGPA: 8.7

Relevant Coursework: Data Structures & Algorithms, Data Analysis, Operating Systems, Software Engineering

Ever Green Sr. Sec School | CBSE Board

Class 12th | 2021

Class 10th | 2019

CERTIFICATES & TRAINING

Introduction to Machine Learning and AI – Google Cloud (August 2024)

- Gained hands-on experience in supervised and unsupervised learning techniques using TensorFlow and AutoML.

Python 101 for Data Science – IBM Cognitive Class (January 2025)

- Learned Python fundamentals, including data handling, visualization, and NumPy operations.

Introduction to Machine Learning and AI – Google Cloud (February 2025)

- Explored the fundamentals of **Generative AI, large language models (LLMs), and deep learning architectures**.

INTERNSHIPS

YHills Edutech – Data Science Intern (Mar 22,2024 – Apr 2024)

- Completed a one-month data science internship in association with Uttaranchal University, working on small project assignments to build data pipelines and predictive models using Python, Pandas, and SQL.
- Conducted exploratory data analysis and visualizations using Matplotlib and Seaborn to extract actionable insights.

PROJECTS

AI – POWERED VOICE ASSISTANT | Oct 2024

- Developed an advanced voice assistant integrating **NLP, deep learning, and sentiment analysis** for intelligent interactions.
- Enabled Implemented **secure authentication, real-time web scraping, task automation, and interactive media control**, enhancing user experience.

END – TO – END MEDICAL CHATBOT | Jan 2025

- Developed an **AI-powered medical chatbot** using **machine learning and NLP**, trained on **Kaggle medical datasets** for accurate symptom analysis.
- Implemented **real-time diagnosis assistance, sentiment analysis, and secure patient data handling**, improving healthcare accessibility.

ADDITIONAL

Technical Skills: Advanced in SQL, Front end(Html, Css, Javascript), Django, Python, Version Control(Git and Github), Data Analysis & Visualization(Panda, Numpy, Matplotlib & Seaborn), Machine learning(TensorFlow, PyTorch, Scikit - Learn).

Languages: English, Hindi

Achievement: Won the Web Development Competition at Uttaranchal University for excellence in creating dynamic website. & Secured first place for developing the Indian Festival Encyclopedia Website in April 2024.