

RITIKA CHAVHAN

Nagpur, Maharashtra

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Career Objective

Passionate and driven BTech student with a specialization in Artificial Intelligence and Data Science, equipped with a fervent enthusiasm to leverage technical prowess and a robust educational foundation in machine learning, data analysis, and programming. Eager to channel these competencies into propelling forward a dynamic team within the realm of AI and data science.

Education

Priyadarshini College of Engineering, Nagpur

Bachelor of Technology in Artificial Intelligence and Data Science

June 2020 - Current

Maharashtra, India

Mathuradas mohota Science College

HSSC

2019-2020

Maharashtra, India

Experience

Webdroid Edutech

Python Web Development Intern

2022-23

Nagpur, India

- Conducted detailed analysis of large datasets to extract valuable insights for business decision-making.

Projects

Cotton plant disease prediction | Python

- Developed machine learning models to predict and diagnose diseases in cotton plants, improving crop yield and quality.
- Implemented and fine-tuned algorithms using Python and popular libraries like scikit-learn and TensorFlow.

Brain tumor detection | Python, ML, Flask

- Developed deep learning algorithms for brain tumor detection in medical imaging data, contributing to early diagnosis and treatment planning.
- Processed and analyzed complex MRI and CT scan images using image processing techniques and neural networks.
- Conducted research to stay updated with the latest advancements in medical imaging and tumor detection algorithms, enhancing expertise in the field.

Audiovisual virtual personal assistant | Python

- An audiovisual virtual personal assistant is a digital companion that uses both voice and visual interfaces to assist users with various tasks, such as managing schedules, providing information, and controlling smart home devices.

Achievements

- Active participation in extracurricular activities.
- Obtained certifications, demonstrating expertise and commitment to professional development.

Certifications

NPTEL

Deep Learning

2022-23

Nagpur, India

- Completed and achieved certification with an estimation of 53 percent.

Technical Skills

Languages: C, C++, Python, HTML, CSS

Frameworks/Libraries: SQL, Flask, Power BI, WordPress