# AKASH SINGH

Kashipur, Uttarakhand

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## Relevant Coursework

- Data Structures
- Algorithms Analysis
- OOPS
- Database Management
- Artificial Intelligence
- Web Technology
- C/C++

## Projects

**Job Portal** | *ReactJs, ReduxToolkit, NodeJs, ExpressJs, MongoDB, RestAPI*                     **September 2024**

- Developed a job portal using the MERN stack (MongoDB, Express, ReactJs, NodeJs) to facilitate job searching and application processes. Users can create profiles, upload resumes, and apply for jobs, while employers can post openings and manage applications.
- The job portal system features various functionalities, including user registration and profile management, job posting and application tracking for employers, advanced search filters for job seekers.
- Utilized MongoDB, a NOSQL database, for efficient data storage and management in the job portal system.
- Leveraged the power of React, Node, and Tailwind CSS for an optimized and dynamic front-end experience.

**Handwritten Digit Recognition System** | *Python, Jupyter Notebook, TensorFlow, Keras*        **November 2022**

- Created a ResNet Architecture-based model for recognizing handwritten digits, trained and tested using the MNIST dataset.
- Utilized Pygame to capture real-time input from users, allowing the system to accurately identify handwritten digits from images.
- Leveraged Deep Learning, Pygame, TensorFlow for robust recognition capabilities.

**Clothes Website Clone** | *HTML, CSS, JavaScript*                                              **January 2022**

- Developed a responsive clothing website using HTML, CSS, and JavaScript.
- Implemented an add-to-cart feature, allowing users to scroll through items with an enhanced user experience.

## Education

**Graphic Era Hill University**                                                    **Dehradun, Uttarakhand**

*Masters in Computer Applications (MCA)*                                                          *2022-2024*
CGPA : 7.8

*Bachelor of Computer Application (BCA)*                                                          *2019-2022*
CGPA BCA: 7.8

**Kendriya Vidyalaya Kashipur**                                                     **Kashipur, Uttarakhand**

*Intermediate(12Th)*                                                                             *2017-2018*
Percentage: 60

*Secondary(10Th)*                                                                                *2015-2016*
Percentage: 80

## Technical Skills

**Languages**: C/C++, Java (Core), HTML/CSS, JavaScript.
**Coding Platforms**: LeetCode, CodeChef, GFG.
**Developer Tools**: VS Code, Eclipse, Android Studio, Git, Github.
**Technologies/Frameworks**: ReactJs, NodeJs, MongoDB, ML (Basics).

## Other Skills

**Problem Solving**: Demonstrated through participation in competitive programming on platforms like LeetCode,CodeChef.
**Communication and Teamwork**: Developed from leadership roles in university organizations.
**Time Management**: Efficiently balanced academic, extracurricular, and project commitments.