YASH MISHRA

Kanpur Nagar, Uttar Pradesh, 208022

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Education

Dr. Virendra Swarup Institute of Computer Studie   **2019 – 2022**
Bachelor of Computer Applications   *Kanpur, Uttar Pradesh*

Pranveer Singh Institute of Technology   **2023 – 2025**
Master of Computer Applications   *Kanpur, Uttar Pradesh*

Experience

TripandThrill (McGeeks Mechatronics Pvt. Ltd.)   **July 2025 – Present**
Full Stack Engineering Intern   *Kanpur, Uttar Pradesh*

- **Developed REST APIs using Node.js and MongoDB** to enable secure and efficient data handling for web applications.
- **Built dynamic, responsive UIs using React.js and Tailwind CSS, improving user experience and performance.**
- Hands-on exposure to **n8n automations, CI/CD workflows, API integrations, and backend frameworks** in a fast-paced engineering environment.

Technical Skills

Programming Languages: Python, C++, C, JavaScript, SQL

Web Development: HTML/CSS, Node.js, Express.js, React.js

Data Science AI/ML: NumPy, Pandas, Machine Learning, Artificial Intelligence

Developer Tools: Git/GitHub, Visual Studio Code, AWS Cloud Practitioner

Projects

Generative AI-Powered Job Recommender System | *Python, LLMs, NLP, resume parsing*   **2025**

- Developed an end-to-end system leveraging **Generative AI** to semantically match resumes to job openings.
- Implemented **automated resume parsing** using NLP libraries (**spaCy**, regex) to extract structured data (skills, experience, education) from unstructured text.
- Integrated **Google Gemini API** to generate contextual embeddings for **semantic similarity scoring** between candidate profiles and job descriptions.
- **Link:** GitHub Repository

Book Recommendation System | *Python, Flask, Pandas, NumPy, Scikit-learn, HTML, CSS,*   **2025**

- Designed a **Flask web app** with dynamic **A–Z book browsing, search functionality, and personalized recommendations**.
- Implemented **Cosine Similarity-based recommendation engine**, processing **100K+ user ratings** to deliver top book suggestions.
- Created **alphabetical A–Z browsing feature** to simplify discovery, reducing search time by 50%.
- **Link:** GitHub Repository

DocEase - Doctor Recommendation Web App | *React.js, Node.js, Express.js, MongoDB, Postman*   **2025**

- Developed a full-stack doctor appointment and recommendation platform with **3-level role-based authentication** (Admin, Doctor, Patient) ensuring secure and personalized access.
- Implemented RESTful APIs for appointment booking, feedback submission, and admin controls using **Express.js** and tested endpoints with **Postman**.
- Designed an optimized **MongoDB schema** for efficient storage and retrieval of users, appointments, and ratings data.
- **Live:** https://doceaseyash.netlify.app