

Kartikey Dwivedi

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PROFESSIONAL SUMMARY

MCA student with hands-on experience in building and deploying machine learning–based applications using Python and NLP. Familiar with data preprocessing, model evaluation, and integrating ML models into backend systems through REST APIs. Interested in applied AI/ML roles and continuously learning to build practical, real-world AI solutions.

EDUCATION

Master of Computer Application

Kiet Group of Institutions, Ghaziabad

CGPA-7.6

2024-2026

Bachelor of Computer Application

CSJM University, Kanpur

CGPA-7.4

2021-2024

Senior Secondary

BSS Inter College

2020

Secondary

Gyan Niketan High School

2018

SKILLS

- **AI/Machine learning:** Python Pandas,NumPy
Scikit-learn NLP (text preprocessing, TF-IDF, similarity scoring)
- **Backend & APIs:** FastAPI,Node.js,RESTfull API design ,Authentication(jwt)
- **Frontend:** React.js, HTML5, CSS3, Tailwind CSS
- **Database:** SQL,MongoDB
- **Frontend:** React.js,Tailwind
- **Programming Languages:** java, Python, Javascript
- **Tools & Platform:** github,Postman,vs code

CERTIFICATIONS

- AWS Academy Cloud Foundations – AWS Academy (**May 2025**)
- Effective Communication Skills – Coursera (**Jul 2025**)

PROJECTS

AI-Powered Resume Screening System

Aug 2025 – Jan 2026

- Developed an AI-based resume screening system to automatically rank and shortlist candidates based on job descriptions using NLP techniques.
- Implemented text preprocessing and vectorization to convert resumes and job descriptions into numerical representations
- Built REST APIs to upload resumes, process data.

Technologies Used: Python, Pandas, Scikit-learn, NLP (TF-IDF), FastAPI, MongoDB, Docker

Task Tracker API

May 2025 – July 2025

- Designed a REST API for task management with user registration and authentication.
- Implemented layered architecture using service and repository patterns for clean code.
- Tested CRUD operations and task filtering by user with Postman for reliability.

Technologies Used: Java, Spring Boot, PostgreSQL, JPA, Postman

Lost & Found Web Application

Feb 2025 – Apr 2025

- Created a platform to report and retrieve lost items with authentication and search filters
- Developed RESTful APIs using Express.js and MongoDB for reliable storage
- Integrated backend with a React-based frontend for improved user experience

Technologies Used: Node.js, Express.js, MongoDB, React, Tailwind

PROFESSIONAL EXPERIENCE

Web Developer Intern

TAC Services, Ghaziabad

March 2025 – August 2025

- Worked as a **Frontend Developer Intern**, creating responsive and user-friendly UI components with React and Tailwind CSS.
- Collaborated with the team to **integrate frontend modules with backend APIs**, ensuring smooth client-server communication.
- Participated in **agile sprints**, code reviews, and version control using Git/GitHub.
- Gained exposure to **backend workflows** (API testing, authentication flows) while focusing primarily on frontend development.