ROHIT VERMA

Specialising in Artificial Intelligence and Data Science

(+91) 9625123027
NEW DELHI
rohitverma.01@hotmail.com

Portfolio: rohitverma.online
github.com/kumar9625
linkedin.com/in/rohitverma9625

EDUCATION

B.Tech Computer Science,*PANIPAT INSTITUTE OF ENGINEERING AND TECHNOLOGY,Kurukshetra University, 8.98 CGPA*	2020 — 2024
CBSE XII, *Jain Bharati Mrigavati Vidyalaya, New Delhi*	2019

SKILLS

LANGUAGES	Python, R, C++
WEB DEVELOPMENT	HTML, CSS, React, NodeJs, ExpressJs
DATABASES	SQL, MongoDB

EXPERIENCE

Indian Space Research Organisation (ISRO), New Delhi *Machine Learning Intern* **July 2023 – September 2023**

- Developed an algorithm leveraging **Hough Transformation, DBSCAN, KNN** with a **95.6 %** accuracy for autonomous terrain analysis, while achieving an **8:1 reduction ratio** in execution time compared to traditional tools.

- Designed and publicly deployed a lightweight **Python package**, just **7.1 KB** in size streamlining LiDAR data processing with custom functions for various operation and analysis.

- Created an **.exe** program for **Windows**, that autonomously accelerates LiDAR data analysis, reducing manual effort.

Lagozon Technologies, New Delhi *Data Analyst* **Jan 2024 – Present**

- Developed and deployed an AI-based CV shortlister application using Python, **Flask**, and **Azure Web Services**, integrating resumes from multiple sources into **Azure Blob Storage**.

- Implemented **NLP** techniques to automate information extraction from resumes, significantly **reducing the initial screening time** for hiring agencies and HR departments.

- Developed a Flask-based web application for document analysis using Azure Form Recognizer, supporting the extraction of data from invoices, receipts, and other financial documents.

PROJECTS

HireSight.AI

- Developed and deployed an AI-based CV shortlister application using Python, Flask, and Azure Web Services.

- Integrated resumes from HR departments, emails, and other sources into Azure Blob Storage, with results stored in Azure SQL Database for seamless access and analysis.

- Utilized NLP techniques to automate resume information extraction, significantly reducing initial screening time for hiring agencies and HR departments.

Finance Document Intelligence

- Designed and implemented a Flask-based web application for document analysis utilizing Azure Form Recognizer, enabling automated data extraction from invoices, receipts, and various financial documents.

- Developed robust integration with Azure Blob Storage for efficient document upload and Azure SQL Database for structured data storage, ensuring seamless retrieval and management of processed document information.

- Employed advanced NLP techniques and Azure's Document Analysis API to accurately extract and process key document fields, significantly enhancing data accuracy and reducing manual processing time for end-users.

University Faculty Record Portal (MERN, Full Stack)

- Designed and Developed Web App for faculty, enabling the upload of certificates, research papers, etc., with a **50% reduction in data entry time**.

- Leveraged **database concepts** for secure and efficient access for both administrators and faculty members, enabling seamless data management and retrieval.

ROHIT VERMA
Specialising in Artificial Intelligence and Data Science

(+91) 9625123027
NEW DELHI
rohitverma.01@hotmail.com

Portfolio: rohitverma.online
github.com/kumar9625
linkedin.com/in/rohitverma9625

ACHIEVEMENTS

- Qualified **GATE** 2023.

- Won **Intel's** One API Hackathon at **IIT Roorkee** , showcasing proficiency in **One API and SYCL** programming..

- Granted **patent** for Developement of an original cooler design featuring a distinctive **two-stage** Peltier cooling system..

CERTIFICATIONS

- **Data Scientist's Toolbox**   Johns Hopkins University

- **Computer Vision and Image Processing**   IBM

- **Mathematics For Machine Learning**   Imperial College Of London

- **DATA SCIENCE FOUNDATION**   GOOGLE