ROMIT DUBEY

Data Scientist | Machine Learning Engineer
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GitHub | Linkedin

Education

Banaras Hindu University — Varanasi Uttar Pradesh
Master of Computer Application — August 2024 - Present
SGPA: 8.45

Prof. Rajendra Singh (Rajju Bhaiya)University — Prayagraj Uttar Pradesh
Bachelor of Computer Application — July 2019 - October 2022
Percentage: 69.59%

Brij Behari Sahai Inter College — Prayagraj Uttar Pradesh
Intermediate — July 2017 - April 2019
Percentage: 79.3%

Brij Behari Sahai Vidya Mandir — Prayagraj Uttar Pradesh
High School — July 2015 - July 2017
CGPA: 9.4

Experience

Indian Institute of Technology, Bombay | Internship — Remote | March 2022 - February 2023

- Contributing to a project focused on digitizing.
- Sanskrit literature by converting old Sanskrit books into a digital format.
- We use OpenOCR software for this operation, which turns the Sanskrit document into editable text format.

Skills

Programming Languages:	Python, JavaScript, Java, C, NodeJs
Frameworks:	Flasks, TensorFlow, PyTorch, Selenium, BeautifulSoup, Scikit Learn
Tools / Platforms:	Power BI, Google Cloud Platform (GCP), Microsoft Azure, Postman
Databases:	SQL, MongoDB

Projects

AI-Based Customized Time-Slot Delivery System | Link — *Python, Machine Learning*

- Selected for **Smart India Hackathon 2024** as part of a team developing an **AI-driven system** for dynamic parcel delivery scheduling.
- Focused on **AI model development** and **backend implementation** to optimize scheduling based on sender and receiver availability.
- Improved data quality by **33%** through preprocessing techniques such as handling missing values and encoding categorical variables.

Kidney Disease Classification | Link — *Python, Convolutional Neural Network (CNN), ML Flow*

- Leveraged **deep learning (CNNs)** to develop a model for classifying kidney diseases from medical images (e.g., Xray image).
- Achieved **90% accuracy** in identifying various kidney conditions.
- Utilized TensorFlow for model development and training.
- Employed **image preprocessing** techniques for data preparation.
- Implemented **evaluation metrics** (accuracy, precision, recall, F1-score) to assess model performance.

Certifications

- 1 Year Data Science Masters Certification - **P.W. Skills**
- Computer Vision - **Kaggle**
- Data Analysis with Python - **IBM**
- Databases and SQL for Data Science with Python - **IBM**