

Shailesh Kumar

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Kanpur, India

EXPERIENCE

- **katonic.ai**

Data Scientist

Built a Enterprise **Feature Store** to complete platform that manage the end-to-end life-cycle of features and integrate with existing data stores, feature pipelines, and ML platforms.

June 2021 - present

- **The Sparks Foundation**

Computer Vision & IoT Intern

Implemented a **MobileNet & SSD Algorithms with OpenCV's DNN module** to Detect Multiple Objects and Persons in the Image.

Mar 2021 - April 2021

- **KPMG**

Data Analytics Consulting Intern

Implemented data quality assessment and completeness in preparation for analysis and Implemented high value customers targeting based on customer demographics and attributes.

Sep 2020 - Oct 2020

EDUCATION

- **M.Tech. Artificial Intelligence, CGPA: 7.95/10**

Maulana Azad National Institute of Technology Bhopal
2021

- **B.Tech. Electrical Engineering, Percentage: 74.14%**

Shri Ramswaroop Memorial College of Engineering & Management Lucknow
2019

AWARDS & RECOGNITION

- **Gold Medal for Best Departmental Project of the Year**

SRMCEM Lucknow
2019

TECHNICAL SKILLS

- **Languages**

Python, SQL, HTML/CSS, Matlab

- **Frameworks**

FastAPI, Streamlit, Dash, Flask, Django

- **Developer Tools**

Docker, Git, Google Cloud Platform, Visual Studio, Py-Charm

- **Databases**

PostgreSQL, Redis, MySQL, MongoDB

- **Big Data**

Spark, Delta Lake

- **Libraries**

Pyspark, PyTorch, TensorFlow, Keras, Pandas, NumPy, Matplotlib, Seaborn, Scikit-Learn, OpenCV, PIL, Librosa, NLTK

PROJECTS

- **Blindness Detection** [view]

Trained **ResNet101** & **ResNet152** on **Blindness Retinopathy dataset** to classify Blindness Risk to prevent lifelong diseases.

Python

- **GAN** [view]

Continuous project where I implemented DCGAN to generate Anime faces and Artworks

Python

- **StackOverflow Survey** [view]

Data Analysis to explore the overall programming community. The **dataset contains 64k** responses to an annual survey conducted by StackOverflow

Python

HOBBIES & INTERESTS



Cube
Solving



Problem
Solving



3D
Animation



Open
Source