Shailesh Kumar

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Kanpur, India

EXPERIENCE

- **katonic.ai**
  Data Scientist Intern
  Building 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**
  Flask, Django, FastAPI

- **Developer Tools**
  Git, Google Cloud Platform, PyCharm

- **Databases**
  PostgreSQL, 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