Ashutosh Kumar

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ashutosh4485kumar@gmail.com

SKILLS

- C/C++
- Python
- SQL
- Machine/ Deep Learning
- GCP
- NLP
- Computer Vision
- MLOps

OTHERS

- Python Libraries : Numpy, Pandas, Matplotlib, Seaborn, Sklearn, NLTK, OpenCV, TensorFlow, Keras, Streamlit, PyTorch
- Tools: DevC++, Jupyter Notebook, Google Colab, Kaggle, SPSS, Microsoft Project, Pycharm, Tableau, PowerBI
- Github/Git, MLflow
- Platforms: Windows, Linux

COURSEWORK

Machine Learning, Deep Learning, Natural Language Processing, Computer Vision, Artificial Intelligence, Object Oriented Programming, Data Structure and Algorithms, Data Analysis, Data Visualisation, Web Scraping, IBM SPSS, Shell Scripting, Project Management, Generative AI with LLM.

CERTIFICATION

NLP SPECIALISATION
SQL ESSENTIAL TRAINING
GIT ESSENTIAL TRAINING

EDUCATION

B.TECH
Lovely Professional University | 2019-2023
CGPA: 7.43/10.0

SENIOR SECONDARY (CBSE)
Presidency Global School | 2018

SECONDARY (CBSE)
Patliputra Central School | 2016

LINKS

www.linkedin.com/in/ashutosh-kun
www.github.com/Ashutosh-4485

EXPERIENCE

UNICONVERGE TECHNOLOGIES | SEPT,2023 - PRESENT
MACHINE LEARNING ENGINEER

- Worked in a cross-functional team in the successful execution of a project.
- Developed and presented a proof of concept (POC) to stakeholders, securing project approval.
- Managed documentation efforts, ensuring comprehensive project records and technical documentation.
- Oversaw the seamless integration of code and regular updates to maintain project consistency.
- Dashboarding.
- Provided mentoring and training to engineering students, fostering their professional growth.

FEYNN LABS | AUG,2023 - NOV,2023
MACHINE LEARNING ENGINEER INTERN

- Collaborated with cross-functional teams to ensure successful project outcomes and coordinated efforts to meet project timelines.
- Conducted market research to identify market opportunities and trends, aiding the organization in making data-driven decisions.
- Analyzed consumer behavior and market variables to provide valuable insights into consumer preferences and market dynamics .
- Created visualizations to communicate insights and results effectively.

CARDOPHARMA | JUN,2021 - JULY,2021
HR INTERN

- Assisted in ensuring timely delivery of medicines to wholesalers and doctors during the COVID-19 pandemic.
- Proficiently handled product billing using specialized software known as PMS.
- Maintained accurate inventory logs.

PERSONAL PROJECTS

GESTURE VOLUME CONTROL

- I researched various Computer vision applications and their concepts.
- Used Pycaw (AudioUtilities) to control the volume of the system and Mediapipe to detect hands and 21 different points of hands.
- Developed an algorithm to use two fingers of the right hand to control the audio of the system based on the distance between fingers.

ANIME RECOMMENDATION SYSTEM

- I Worked on more than 8,000 anime from MyAnimeList.com for data. analysis and visualisation and build a recommendation engine.
- Implemented a content-based recommendation system that uses cosine similarity and RNN.
- Developed an interactive user interface using Python (Streamlit) to interact with the site and search for anime.

ACHIEVEMENTS

RESEARCH PAPER | ICCS-2023 KILBY-100, LPU CONFERENCE
GEEKS FOR GEEKS | 100+ DAYS ONGOING POTD STREAK
LINKEDIN | SKILL BADGE IN ML, PYTHON, AND SQL