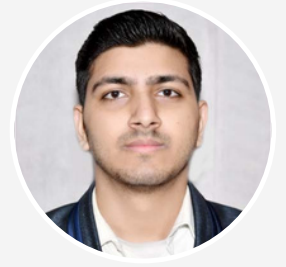


VIRESH AMBARDAR

D A T A E N G I N E E R



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🐙 [Github](#)

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📍 Noida, 201031

🌐 [Portfolio](#)

WORK EXPERIENCE

- Joined **Edgematics Solutions** as **Data Engineer** from July 2023, where I focus on leveraging **Big Data Technologies**.
- Worked as an **Associate Software Engineer** at **AI Hawks Software Solutions**, contributing to the development and enhancement of innovative software solutions.

JOB RESPONSIBILITIES

- EDGEMATICS SOLUTIONS

- Utilized Python to connect to **Google BigQuery**, extracted source data, transformed complex **JSON** structures into a flattened CSV format, and subsequently pushed the data to **Vertica DB**. Demonstrated hands-on experience with Google BigQuery authentication systems and credentials management.
- Participated in **Purple Cube** training and gained experience in creating pipelines for **ETL tasks**.

- AI HAWKS SOFTWARE SOLUTIONS

- Developed a squat count machine learning algorithm utilizing **Mediapipe** pose estimation and **OpenCV**, with the integration of **Tkinter** for the graphical user interface (GUI).
- Developed a software application using the **Django** framework, incorporating an admin panel for logging drivers and recording their travel duration. Implemented **SQL** as the main database to maintain a day-by-day record of their working hours. Integrated role-based access control to manage user permissions and ensure secure system interactions.
- A fully operational backend powered by **Node.js**, seamlessly integrated with **MongoDB** for database connectivity, and incorporating **JWT** for authentication between endpoints.
- Developed an automated software utilizing **Google API**, **Selenium**, and **Openpyxl** to scrape values from Google Sheets across various branch folders. The software then updates the main report sheet located in a different folder. Additionally, created a user-friendly GUI using **Tkinter** for conveniently updating the sheet code on a yearly basis.

- SKILLS

LANGUAGES

- Python
- SQL
- PySpark
- PySQL
- Scala
- NodeJS
- HTML/CSS
- Java Script

DATABASE

- MongoDB
- Snowflake
- MySQL
- AWS S3 Bucket
- PostgreSQL
- MariaDB
- VerticaDB

FRAMEWORK

- Django
- Hadoop
- Apache Spark
- Kafka
- Databricks

EXPERTISE

- Machine Learning
- Deep Learning
- NLP
- PyTorch
- Tensorflow
- Keras

OTHER SKILLS

- GitHub and Git & BitBucket
- Data Governance
- Testing and Troubleshooting
- Documentation
- API & REST API Management
- ETL

TOOLS

- Talend
- Dataiku
- PurpleCube

MANAGEMENT SKILLS

- Project Management
- Team Leadership/Mentorship
- Team Collaboration
- Time Management
- Continuous Learning
- Client Interaction

- EDUCATION

- Completed my Postgraduate Diploma at Imarticus Learning, specializing in **Data Science and Machine Learning**. Proficient in **Python, R, TensorFlow**, and **scikit-learn**, I have applied theoretical knowledge to practical scenarios through engaging learning projects. Eager to contribute my skills to impactful projects in the dynamic field of Data Science.
- I hold a Bachelor of Technology (B.Tech) degree from **MBS College of Engineering and Technology**, affiliated with Jammu University. My academic focus was in the field of Mechanical Engineering.
- Completed HSC with a focus on both Medical and Non-Medical subjects from the **Central Board of Secondary Education (CBSE)**, at Kendriya Vidyalaya (KV).