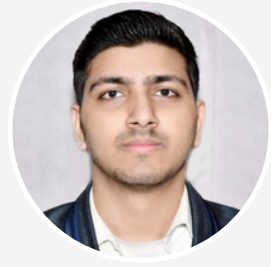


VIRESH AMBARDAR

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



✉ ambardarviresh18@gmail.com

☎ +91-9149869687

🐙 [Github](#)



East Sapphire Flat no 302 E/F, The Nest, Sector 45, Goutam Buddha Nagar, Noida, 201031

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.
- Completed my Postgraduate Diploma at Imarticus Learning. Engaged in Data Science and Machine Learning projects during my studies at Imarticus Learning.

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.
 - Created a transcription application that utilized **OpenAI's Whisper** as the backend and implemented a frontend using **Streamlit**.
-

- 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
- GraphQL
- 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

- I hold a Bachelor of Technology (BTech) degree from MBS College of Engineering and Technology, affiliated with Jammu University. My academic focus was in the field of Mechanical Engineering.
 - Completed 12th grade with a focus on both Medical and Non-Medical subjects from the Central Board of Secondary Education (CBSE), at Kendriya Vidyalaya (KV).
-

- PERSONAL DEATILS

- DOB - 05/03/1998
- Gender - Male
- Nationality - Indian