







Kirubaharan Balasubramanian

PROFESSIONAL SUMMARY

Data Enthusiast with a solid foundation in data analysis, database management, and machine learning. Skilled in SQL, Python, and cloud platforms like AWS and GCP. Experienced in building interactive dashboards, automating ETL workflows with Airflow, and developing machine learning models using Scikit-learn and TensorFlow. Proficient in data processing, statistical analysis, and working with large datasets to deliver data-driven insights and solve business challenges.

CONTACT

-  [Portfolio](#)
-  +33 07 45 68 38 23
-  kirubaharan1@gmail.com
-  Villejuif, France 94800

SKILL SET

- Adaptability
- Communication
- Critical Thinking
- Data Analytics
- Data Engineering
- Data Science
- Data Visualization
- Mathematics
- Problem Solving
- Teamwork

LANGUAGE

- French : B1 (*Intermediate*)
- English : Advanced
- Hindi : Advanced
- Tamil : Native

CERTIFICATIONS

- Foundations: Data, Data, Everywhere - **Coursera**
- Python For Beginners - The Basics of Python Development - **Udemy**
- Java Programming Masterclass: Learn Java From Scratch - **Udemy**
- Product Lifecycle Management - **SECE**

HOBBIES AND INTERESTS

- I am a dedicated member of the Pre-National volleyball team, representing **US Villejuif Volleyball 94**

EDUCATION

Master's in Computer Science (Data Science and Analytics)

2022 - 2024

EPITA, France

Bachelor's in Computer Science and Engineering (B.E)

2018 - 2022

Sri Eshwar College of Engineering, India (Anna University)

WORK EXPERIENCE

Data Analyst Intern | Echo Analytics

Duration: Feb 2024 - Aug 2024

- Managed data migration projects using Python and Google Cloud, ensuring 99% data accuracy.
- Developed change tracker POC, improving project tracking and earning positive stakeholder feedback.
- Built dashboards in Power BI to enhance data visibility for industry-specific insights resulting in a 25% reduction in reporting time.

React Native Intern | Divum Corporate Private Limited

Duration: Jun 2021 - Jan 2022

- Developed hybrid mobile apps for Android and iOS using React Native.
- Collaborated with cross-functional teams to implement features and resolve production issues.

TECHNICAL SKILLS

Programming Languages: Python, Java, JavaScript

Data Tools: Power BI, Looker Studio, Scikit-learn, Dataiku

Web Frameworks: FastAPI, Streamlit, React Native

Cloud & Databases: AWS, GCP, SQL, PostgreSQL, NoSQL

Other Tools: Git, Airflow, Grafana, Jira, Uber H3

PROJECTS

WINE QUALITY PREDICTION (DATA SCIENCE PROJECT)

- Developed a Machine learning model for predicting wine quality based on user-entered or uploaded data
- Utilised Python, Airflow, Streamlit web application framework, FastAPI, PostgreSQL, and Grafana for data monitoring and validation

Projects Executed: PK-Potter-SME (Social Media Analyser), Zomato Geospatial Analysis, HOPIFY - Music Recommendation System, Computer Vision (Identify your Pet), Blockchain Mini Twitter