

# Arjun Rawat

Data Analyst with AI/ML

Vilnius, Lithuania

+37062723604

[arjunrawat4741@gmail.com](mailto:arjunrawat4741@gmail.com)

GitHub: - <https://github.com/ARJUNRAWAT-DEL>

LinkedIn: - <https://www.linkedin.com/in/rwtarjun/>

## EXPERIENCE

### YARA FERTILIZERS INDIA Pvt. Ltd/ IT Internship,

JUNE 2025 - Present, On Site

- Developed and deployed an AI-powered document assistant using FastAPI, PostgreSQL (pgvector), and NLP models, increasing document summarization efficiency by 25%.
- Designed and implemented a full-stack web application integrating multiple AI assistants with a React front end, reducing response latency by 20%.
- Optimized debugging and deployment workflows, cutting release cycle time by 15% while maintaining code integrity with Git/GitHub.

### Labmentix / Data Science with AI/ML Intern,

JULY 2025 – Present, Remote

- Learning and applying Machine Learning algorithms (supervised & unsupervised) and AI model development.
- Working with Python, Pandas, NumPy, and Scikit-learn for data cleaning, preprocessing, and analysis.
- Building and testing predictive models and performing model evaluation & optimization.
- Creating data visualizations (Matplotlib, Seaborn) to communicate insights effectively.
- Gaining exposure to end-to-end ML workflows, from dataset preparation to deployment concepts.

### Accenture Baltics / Big Data Engineering, Training

JAN 2024 - FEB 2024, Remote

- Acquired experience with AWS, Azure, and Google Cloud Platform (GCP) for data engineering and cloud computing.
- Gained practical knowledge of the Hadoop ecosystem, including HDFS for distributed storage, Spark for large-scale data processing, and MapReduce for parallel task execution.
- Built ETL pipelines and performed data analysis using Python, SQL, and Spark.
- Worked with NoSQL solutions (DynamoDB) and real-time streaming platforms (Kafka) to handle large-scale data processing.

## EDUCATION

Vilnius Gediminas Technical University / Information Technology 2022 - 2026, Vilnius, Lithuania

Specialization in software development, Networking, Web Fundamentals, OOP principles

## SKILLS AND CERTIFICATES

**Technical Expertise:** HTML5, CSS3, React.js, N, TypeScript, Python, MySQL, PostgreSQL, Data Visualization, AWS, JavaScript, Prompt engineering, Power BI, AI, NLP Models, Machine Learning, AI Assistants, Excel, Fast API

**Soft Skills:** Attention to detail, Collaboration, Problem-solving, Critical thinking, Adaptability

## PROJECTS

### AI-Powered Document Assistant & Summarizer

- Designed an AI-based assistant using NLP and FastAPI to process and summarize 200+ pages in under 5 minutes.
- Implemented text preprocessing, summarization algorithms, and REST APIs for smooth integration.
- Enhanced productivity by providing concise and accurate summaries quickly.

### Multiple-Agent Simulator Web Application

- Built a scalable web app where **AI assistants collaborate** to perform tasks efficiently.
- Utilized React, FastAPI, PostgreSQL, and NLP models, improving task execution efficiency by 30%.
- Designed an intuitive front-end for monitoring agent activity and results in real time.

### Smart Retail Analytics Platform

- Developed an AI-powered retail analytics dashboard using **Streamlit, Python, and PostgreSQL**, enabling interactive insights on sales, customers, and inventory.
- Implemented **customer segmentation (RFM & K-Means)**, **demand forecasting**, and **predictive analytics** for business decision support. Designed intuitive data visualizations with **Plotly and Pandas**, providing real-time dashboards and exportable performance reports.