

Kunal Borade

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Summary

Experienced **software engineer** with over **1.5 years** in **Apache Spark** and **Data-Driven Solution Design** at Aioneers. Strong background in computer science with hands-on experience in data pipelines, **ETL**, and **AI-LLM backend** services. Skilled in managing **MySQL** and **PostgreSQL** databases and adept at using **Databricks** and **Airflow** for efficient data pipeline management. I bring strong capabilities in data analysis and visualization with tools like **Pandas**, **NumPy**, and **Plotly**. Passionate about delivering reliable solutions, I work well in collaborative team settings to ensure project success.

Skill

Language: Python, C, C++, Java, SQL

Libraries: Pandas, NumPy, Matplotlib, Pyspark, scikit-learn

Database & ORM: MySQL, PostgreSQL, SQLAlchemy

Cloud Technology: Microsoft Azure

Data Tools: Databricks, Apache Spark, Airflow, Kafka

DevOps: Docker, Kubernetes

Web Technologies: HTML, CSS

Platform: Git, Tableau, PowerBI

Technologies: Machine Learning, Deep Learning, Data Science, Business Intelligence, LLM APIs and AI

Industrial: Project Management, Solution Designing, Supply Chain & Logistics, Prompt Engineering

Experience

aioneers GmbH, Pune India

Software-Engineer

08/2023-Present

- Contributed to the **development of the company's flagship products** by building robust **data pipelines** to connect with user data sources.
 - Implemented a **Data-Foundation service** to connect with user data sources using Extract, Transform, and Load (ETL) techniques. and utilized advanced data cleaning techniques to ensure data integrity and quality
 - Developed a **rules-engine service** to process and apply rules to the data from the Data-Foundation service and transforming it into **impactful insights** represented as impact dots.
 - Created an **Insights server** for visualizing user data from the Data-Foundation service and presenting it in dashboards in the form of charts
 - Implemented a **Copilot service** for all these services, utilizing **OpenAI LLM APIs** for backend responses
 - Managed **production pipelines** and provided **client support for production issues**, ensuring stability and reliability for client-specific data operations.
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Education

Bachelor of Engineering in Computer Science – 3.0 GPA

2020 - 23

Dr. D Y Patil Institute of Technology, Pune India

Diploma of Engineering in Computer Science – 3.0 GPA

2018 - 20

MIT School of Polytechnic, Pune India

Research

Analyzing Cyber Threats: A Literature Review on Data-Driven Approaches

2022-23

→ **Research Paper:** <https://ijsrceit.com/CSEIT2390351>

Higher Education Access Prediction Using Data Mining

2019-20

→ **Research Paper:** <https://www.irjet.net/archives/V7/i2/IRJET-V7I2213.pdf>