

Kunal Borade

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PROFILE

Experienced **software engineer** with about **1.5 years** in **Software Development** and **Data-Driven Solution Design** at **aioneers**. Strong background in computer science with hands-on experience in data pipelines, **ETL**, **Spark**, **Delta** and **AI-LLM backend** services. Skilled in managing **MySQL** and **PostgreSQL** databases and adept at using **Fast-API**, **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.

PROFESSIONAL EXPERIENCE

08/2023 – 12/2024
Pune, India

Software Engineer - Python, ML & DS.
aioneers GmbH 

- 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
- Integrated **DeltaLake** and Azure **Databricks** to process Millions of record, improving processing speed & scalability
- 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.

RESEARCH EXPERIENCE

05/2023

Analysing Cyber Threats: A Literature Review 
IJSRCSEIT

02/2020

Higher Education Prediction Using Data Mining 
IRJET

EDUCATION

2025 – 2026
Leicester, UK

Masters in Advanced Computer Science
University of Leicester - School of Computing and Mathematical Sciences

2020 – 2023
Pune, India

Bachelor of Engineering in Computer Science
University of Pune - Dr. D Y Patil Institute of Technology

2018 – 2020
Pune, India

Associate of Engineering in Computer Science
Maharashtra State Board of Technical Education - MIT School of Polytechnic

LANGUAGES

English | Hindi | Marathi

SKILLS

Language & Frameworks: Python, SQL, Django, FaskAPI, , Tensorflow, Pytorch, Pytest, React JS, Node JS

Frameworks: Flask, FaskAPI, Django, Tensorflow, Pytorch, Pytest, Unittest

Databases & Servers: MySQL, PostgreSQL, SQLAlchemy, MongoDB, Git, Docker, Kubernetes, Redis, Trino

Apache: Spark, Iceberg, Hive, Kafka, ZooKeeper, Airflow, Flink

Azure: Data Factory, Data Lake Storage, Databricks, SQL Server, Event

DevOps: Git, Docker, Kubernetes, Redis, Trino

Technology: Machine Learning, Deep Learning, Data Science, Business Intelligence, Generative AI

Industrial: Project Management, Solution Design, Supply Chain Management, Finance