

Kunal Borade

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Profile

Experienced software engineer with about 1.7 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 Django, 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

Software Engineer - Python, ML & DS

05/2025 – Present

Sriya AI – Pune, India

- Built a custom chatbot (LNM) that processes uploaded data, extracts key information, and generates PDF summaries.
- Implemented Google OAuth 2.0 authentication for secure user login.
- Designed database schema architecture for scalability and data integrity.

Software Engineer - Python, ML & DS

08/2023 – 12/2024

aioneers GmbH – Pune, India

- 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.

Education

Bachelor of Engineering in Computer Science

2020 – 2023

Dr. D Y Patil Institute of Technology - University of Pune – Pune, India

Associate of Engineering in Computer Science

2018 – 2020

MIT School of Polytechnic - MSBTE – Pune, India

Research

Analysing Cyber Threats: A Literature Review

IJSRCSEIT – 05/2023

<https://ijsrcseit.com/CSEIT2390351>

Higher Education Prediction Using Data Mining

IRJET – 02/2020

<https://www.irjet.net/archives/V7/I2/IRJET-V7I2213.pdf>

Skills

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

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

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