

Atharva Jadhav

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Profile Summary

Recent B.E. (AI & Data Science) graduate with hands-on experience in data engineering, cloud computing (GCP), and full-stack development. Skilled in building scalable APIs, cloud-native applications, ETL pipelines, and database solutions using Python, SQL/NoSQL, FastAPI, React.js, Supabase, Docker, and Firestore.

Skills & Languages

PostgreSQL, Firestore, Supabase, Google Cloud Platform (Firestore, BigQuery, Pub/Sub), Docker, Git, CI/CD, Data Analysis, Artificial Intelligence and Machine Learning, Data Science, SQL, Fast API, PostgreSQL, API Integration, React.js, Power BI, LLM, HTML and CSS, Frontend Development, LLM Langchain, Python

English, Hindi, Marathi

Work Experience

AI Engineer

Hopt.ai

07/2025 - Present

- Designed and implemented AI LLM-based models for RAGAS and an Authenticator system, enhancing contextual search and secure verification.
- Built ETL pipelines for data crawling, storage, and synchronization with PostgreSQL and Firestore.
- Developed and optimized API endpoints (FastAPI) for seamless data integration and analytics workflows.
- Created React.js front-end components to visualize analytics and AI results for internal dashboards.
- Worked on Google Cloud (Firestore, Cloud Functions, Hosting) for scalable backend services.
- Deployed projects in Dockerized environments with CI/CD for rapid iteration and testing.
- Integrated Supabase with PostgreSQL for secure management of authentication tokens, user data.
- Skills Used:** Supabase, PostgreSQL, React.js, FastAPI, API Development, Authentication, Database Management

Advanced Data Analytics Internship

Edunet Foundation

01/2024 - 04/2024

- Developed an interactive dashboard using Power BI to visualize key metrics and insights on unicorn businesses globally, including funding rounds, valuations, industry trends, and geographic distribution.
- Skills Used:** Data Visualization, Business Intelligence, Data Analysis, Dashboard Design & Development, Power BI

Education

Bachelor of Engineering

CGPA - 8.48

AISSMS Institute of Information Technology, Pune

12/2024 - 07/2025

- B.E in Artificial Intelligence And Data Science
- Graduation with Distinction

Higher Secondary Education (HSC)

Percentage - 78.18

R R Shinde Jr College, Pune, Maharashtra

06/2019 - 07/2021

Primary Education (SSC)

Percentage - 82.12

Sadhana English Medium School, Pune, Maharashtra

03/2019

Projects

To Inspire Minds : Generating Multimedia Poetry Education Using Gen AI

Our project focuses on generating situational videos and images from English poetry using generative AI. By combining text, image, video, and audio models, we aim to create engaging, multimodal learning experiences that enhance student understanding and interest in literature.

- Skills used - Generative AI , SQL Server, Natural Language Processing

Vehicle Wait Timer

Implemented a computer vision system to detect, track, and calculate vehicle wait times inside a defined ROI using OpenCV and a centroid-based tracker, containerized with Docker for deployment. Build a Pipeline using OpenCV to detect vehicles and overlay bounding boxes with live wait-time counters

- Skills Used: Python, OpenCV, Computer Vision, Object Tracking, Video Processing, Docker

GenAI Brand Insights API

Developed a FastAPI-based backend to fetch and analyze e-commerce brand data including product catalog, hero products, policies, FAQs, social handles, contact details, about text, and key links.

Integrated competitor insights to provide a comprehensive brand intelligence solution. Built with modular architecture using schemas, fetch logic, parsers, and utility scripts, with API documentation via Swagger UI.

- Skills Used: FastAPI, Python, REST API Development, Web Scraping (BeautifulSoup4, HTTPX), Pydantic (Data Validation), Uvicorn, API Documentation (Swagger/OpenAPI)

Prompt To Image Generator

The Prompt To Image Generator project, utilizing Python, HTML, TensorFlow, Keras, and Flask, focuses on image generation using machine learning .

- Skills used - Keras ,HTML,Tensorflow, Flask, Flask Web Framework

Customer Analytics ETL & Reporting Pipeline

Built a Python-based ETL pipeline to process, transform, and store customer data in PostgreSQL and Supabase, exposing it via FastAPI APIs and visualizing insights through Power BI dashboards.

- Skills Used: Python, FastAPI, PostgreSQL, Supabase, Pandas, Docker, Power BI, SQL/NoSQL

Certification

AWS Academy Cloud Foundations, AWS	05-2024
Artificial Intelligence With Machine Learning, Oracle Academy	04-2024
Database Programming with PL/SQL, Oracle Academy	10-2023
Oracle Academy Java Fundamentals, Oracle Academy	05-2023
Artificial Intelligence Fundamentals, IBM SkillsBuild	12-2022

Awards

Synergy , National Level Project Competition , Institution Of Engineers

International Journal for Research in Applied Science & Engineering Technology, , IJRASET

International Conference On Smart Trends In Computing and Communication , SmartCom