

# OM VINAYAK JADE

✉ omjade2854@gmail.com — 📞 +91 8605357583 — 📍 Nashik, Maharashtra, India

🌐 linkedin.com/in/om-jade — 🏠 github.com/Omjade

## Profile Summary

Generative AI Engineer with hands-on experience building production-grade LLM applications, agentic workflows, and intelligent automation systems. Proficient in Python, LLM orchestration, RAG pipelines, prompt engineering, and scalable backend REST API development — delivering end-to-end AI solutions across fintech, healthcare, and e-commerce domains. Backed by a strong foundation in ML, Data Science, and Data Engineering spanning SQL, Apache Spark, ETL/ELT pipelines, Airflow, and AWS, with a product-focused builder's mindset driven to turn complex business problems into measurable real-world impact.

## Experience

- **Aqeeq Technologies, Nashik, India — Onsite** Jan 2026 – Present  
*Role: AI/ML Software Engineer Intern*  
**Technology:** Python, FastAPI, Docker, RunPod, AWS, PostgreSQL, SQL, RAG, Prompt Engineering, LangChain, LangGraph, Hugging Face, Transformers, GitHub, CI/CD
  - Built and Shipped backend AI pipelines for **Examify** document processing — improving OCR accuracy by **41%** via model optimization and preprocessing — and deployed **ShopLinx** AI image enhancement using Flux models on Docker and RunPod serverless, reducing operational costs by **63%**.
  - Developed production-grade **FastAPI** microservices for scalable AI model inference, including ASR, LLM, and Text-to-Speech pipelines integrated with **WhatsApp Calling** and **Twilio** for enterprise-level voice applications.
  - Researched, prototyped, and deployed agentic AI applications using **LangChain**, **LangGraph**, **OpenAI**, and **Claude** — and automated enterprise business workflows using **n8n** and the **Aura** workflow system.
- **Save Ancient Studies Alliance (SASA), USA — Remote** May 2025 – Nov 2025  
*Role: Research Intern — AI, Data & Digital Humanities*  
**Technology:** Python, SQL, Power BI, Excel, Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, Slack
  - Designed and implemented ETL workflows using Python and SQL to extract, clean, and preprocess large unstructured historical datasets — improving data processing efficiency by **5.4%**.
  - Conducted KPI-based quantitative data analysis and built Power BI dashboards to surface actionable insights for globally distributed research teams.

## Technical Skills

- **AI / GenAI & ML:** Python, LangChain, LangGraph, RAG, Prompt Engineering, FastAPI, n8n, Hugging Face, TensorFlow, Scikit-learn, XGBoost, NLTK, Vector DB / FAISS, NLP, Deep Learning, Feature Engineering, MLOps, AI evaluation
- **Data Engineering:** SQL (Advanced), Apache Spark, Airflow, dbt, Snowflake, MySQL, PostgreSQL, ETL/ELT Pipelines, Data Modeling
- **Cloud & DevOps:** AWS (S3, EC2, Lambda, RDS, Redshift, DynamoDB), Docker, RunPod, GitHub, CI/CD
- **Data Analytics & Visualisation:** Pandas, NumPy, Power BI, Streamlit, Matplotlib, Seaborn, Excel, A/B Testing, EDA
- **Software Engineering:** DSA, System Design, SDLC, REST APIs, Microservices, OOP, DBMS, Full Stack AI (React JS)

## Projects

- **SmartBiz AI — No-Code Automated Data & BI Analytics Platform** | [GitHub](#) Oct 2025  
Built a full-stack BI and analytics platform for SMEs featuring automated data quality checks, ETL preprocessing pipelines, interactive dashboards, and ML-driven predictive insights. Integrated conversational AI for natural language chat and voice queries — adopted by **6+ businesses**, reducing reporting time by **30%**.  
**Tech:** Python, React, TypeScript, PostgreSQL, Supabase, OpenAI, Google Gemini, Recharts
- **IPL Performance Data Analytics — End-to-End Analytics Pipeline** | [GitHub](#) May 2025  
Designed and built an end-to-end data pipeline to analyse **5,000+ match records** for player and match performance using Apache Spark on Databricks. Delivered insights via Power BI dashboards and ML models, reducing manual reporting time by **10%**.  
**Tech:** Python, MySQL, Apache Spark (Databricks), AWS S3, Scikit-learn, Power BI, Pandas, NumPy
- **MockMaster — AI-Powered Mock Interview Platform** | [Live](#) Nov 2024  
Built a full-stack platform simulating real-time, role-specific mock interviews with AI-generated questions and personalised feedback. Used by **15+ students**, reducing interview preparation cycles by **12%**.  
**Tech:** ReactJS, Next.js, Google Gemini API, PostgreSQL, Drizzle, Clerk

## Education

- **K. K. Wagh Institute of Engineering Education and Research, Nashik** Aug 2023 – Jul 2026  
B.Tech — Artificial Intelligence & Data Science | CGPA: **9.39/10**
- **Guru Gobind Singh Polytechnic, Nashik** Jul 2020 – Jul 2023  
Diploma — Mechanical Engineering | **89.49%**

## Certifications

---

- **Python Programming A–Z: Machine Learning & Deep Learning** | Udemy 2024  
[View Credential](#)
- **AWS Cloud Computing** | Zensar Technologies & Amazon Web Services (AWS Educate) 2024  
[View Credential](#)

## Extra-Curricular & Achievements

---

- **AI Tech Content Creator** — Create educational content on AI and emerging technologies, reaching **2K+ LinkedIn connections** and **10K+ monthly views** across platforms. Jan 2026–Present
- **Blazevista Studio — Social Media Agency** (4.9/5 Rating) — Developed content strategies and digital campaigns for **110+ international clients**, increasing engagement by **25–40%**. | [Visit](#) 2022–Present
- **Research Publication** — *SmartBiz AI: No-Code Conversational AI for Data and Business Intelligence with Automated Analytics* 2025
- **Research Paper Presentation** — *Automatic Hand Brake System, IC-RTETM* (Lead Author) | [View Paper](#) Sep 2023
- **ISTE & Elite Club India** — Student Member 2023–2026