

ARNAV MURDANDE

📍 Mulund, Mumbai – 400081 ☎ +91-9702790802 📩 arnavmurdande@gmail.com 💬 LinkedIn 🐣 GitHub

CAREER OBJECTIVE

B.Tech Computer Engineering student with a robust technical background in software architecture, backend logic, and database management. Hands-on experience in building automation workflows and processing complex datasets to drive efficiency. Seeking a challenging role in Software Development, Data Science, or Data Analytics to leverage a versatile skill set in building scalable applications and deriving actionable insights from data.

EDUCATION

Ramrao Adik Institute of Technology , Navi Mumbai	May 2026
B.Tech in Computer Engineering CGPA — 7.9 SGPA — 8.89	
Arya Gurukul College , Airoli	(March 2022)
Higher Secondary (XII) — 70.50%	New Horizon Scholars School , Airoli CBSE (Class X) — 90%
	(July 2020)

TECHNICAL SKILLS

Languages: Java, Python & JavaScript.

Big Data: Hadoop, HDFS & Spark.

Frontend: React, Angular, HTML5, CSS3.

AI/ML: LLMs, NLP, & Prompt Engineering.

Databases: PostgreSQL, MySQL, MongoDB.

Cloud & DevOps: AWS, Docker, CI/CD, Linux.

Backend & API: Django, Flask, Node.js, REST API

Analytics: Power BI, Excel, Tableau

PROJECTS

Multilingual LLM Summarization & Document Analysis System *Python, HuggingFace, Transformers, Streamlit*
• Developed a multilingual NLP pipeline with summarization, NER, and citation extraction.
• Implemented **BART-based** and **Gemini-based** text summarization with optimization for long documents.
• Built an evaluation workflow to measure **ROUGE scores, latency, & hallucination checks**.

Intelligent Agent Workflow for Coding Assistance (CodeWithMee) *Java, Spring Boot, React*
• Built an agentic workflow integrating **Gemini 2.5 model** for interactive coding queries and explanations.
• Designed **automated reasoning steps, tool-use planning, and context-aware instruction generation**.
• Integrated YouTube, IDE, and challenge modules with AI-powered personalized guidance.

LLM Performance Analysis Dashboard *Python, Power BI, Plotly*
• Built dashboards tracking **model accuracy, inference latency, cost metrics, and resource usage**.
• Designed an anomaly detection layer for compliance and reliability monitoring.
• Improved decision-making workflows for ML model evaluation.
• Built automated evaluation metrics, test scenarios and validation checks for reliability.

Academic Timetable Scheduler *Node.js, Express.js, PostgreSQL*
• Built a conflict-free scheduling algorithm with a normalized relational schema.
• Optimized query performance using indexes and transaction-safe operations.
• Achieved **95% test coverage** with automated CI pipelines.

ACHIEVEMENTS AND HACKATHONS

- **Google Agentic AI Day Hackathon** – Built a scalable GenAI-backed application using API-driven architecture.
- **Quasar 3.0** – Developed a production-ready platform with automated CI/CD and integrated testing pipelines.

CERTIFICATIONS

- IBM Full Stack Software Developer Professional Certificate (V5)
- Google Data Analytics and Advanced Data Analytics
- IBM Data Science Professional Certificate (V3)
- AWS Academy Graduate – Cloud Foundations