

# ARNAV MURDANDE

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## 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**

<b>Arya Gurukul College</b> , Airoli <span style="float: right;"><b>(March 2022)</b></span>	<b>New Horizon Scholars School</b> , Airoli <span style="float: right;"><b>(July 2020)</b></span>
Higher Secondary (XII) — <b>70.50%</b>	CBSE (Class X) — <b>90%</b>

## 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