

AJAJ ALI

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

Professional Summary

Detail-oriented Computer Science undergraduate with a solid foundation in Python, machine learning, and software development. Hands-on experience in building and deploying AI-powered applications using TensorFlow, PyTorch, and cloud services like AWS. Strong interest in Data Science and Data Engineering.

Education

Maharishi Markandeshwar (Deemed to be University), Ambala, India B.Tech in Computer Science Engineering (Data Science) CGPA: 7.35/10	Sep 2022 – July 2026
UDLPS Inter College, Basant, Bihar, India Intermediate (12th) 77.6% Aggregate	Apr 2020 – Mar 2022

Skills Summary

Programming: Python, SQL, Java, JavaScript, C++, Data Structures & Algorithms
Data Science/ML: Pandas, NumPy, Scikit-learn, OpenCV, TensorFlow, PyTorch, NLP, BERT, Model Evaluation
Data Engineering: PostgreSQL, MySQL, Firebase DB, ETL Pipelines, Docker, Cloud Storage (AWS/GCP)
Tools & Others: Git, GitHub, FastAPI, Flask, Spring Boot, React.js, Tailwind CSS, Figma, REST APIs
Cloud Platforms: AWS, Google Cloud Platform (Vertex AI, Storage)
Soft Skills: Strong Communication, Team Collaboration, Problem Solving

Experience

COSMIC AI — Intern	Dec 2024 – Apr 2025
Assisted in building data pipelines to identify and resolve real-time system issues, reducing response time by 25%. Collaborated with engineers on structured data-driven solutions, improving process efficiency by 15%. Worked with Python-based automation and cloud storage to streamline data workflows.	

Projects

NutriScan – AI-Powered Nutrition Analysis App <i>Tech Stack: Python, Gemini API, FastAPI, React.js</i> Built a CV-based food recognition system with 92% accuracy across 10+ food classes. Estimated calorie intake using ML regression models, maintaining $\pm 10\%$ margin on 80% of test cases. Deployed backend on FastAPI, improving real-time prediction latency by 40%.	Dec 2023 – Apr 2024
Note2Test – AI-Powered Mock Test Generator <i>Tech Stack: Spring Boot, React.js, PostgreSQL, Gemini API, JWT</i> Designed an end-to-end app where users upload PDFs, and NLP-based models generate questions automatically. Implemented token-based authentication and prepared Google OAuth login for enhanced security. Achieved 90%+ relevance in auto-generated questions using text processing pipelines and Gemini API.	Dec 2024 – Jan 2025
Resume Parser & Job Matcher <i>Tech Stack: Python, BERT, Django, PostgreSQL, React.js, Docker</i> Designed and dockerized a REST API for parsing and storing resume data in PostgreSQL. Integrated job-matching logic based on extracted skills and role relevance, handling 100+ concurrent users.	Feb 2025 – Mar 2025

Achievements & Certifications

Microsoft Certified: Azure Data Fundamentals
Introduction to Data Engineering (DataCamp)
Built and Deployed 3+ Real-world ML Projects