

Adharsh Jaison

jaisonadharsh87@gmail.com • LinkedIn • GitHub • +91 6238966360

About Me

I am a highly motivated data science graduate student with expertise in Python, Power BI, and SQL. With hands-on experience in exploratory data analysis, machine learning, and full-stack web development, I excel in leveraging data to derive insights and create impactful solutions. Passionate about driving innovation and solving real-world problems through technology.

Education

Master of Science in Data Science, CHRIST (Deemed to be University), Pune, Lavasa *Aug 2023 - Jul 2025*
Current CGPA: 3.31/4 (Ongoing)

Bachelor of Science in Mathematics, Nirmalagiri College, Kuthuparamba, Kannur *Jul 2020 - Jul 2023*
CGPA: 8.693/10

Skills

Technical Skills: Python, Power BI, MySQL, RAG (Retrieval-Augmented Generation), LangChain, Django, BeautifulSoup

Soft Skills: Typing, Editing, Curiosity and Continuous Learning, Time Management, Collaboration and Teamwork, Creativity, Adaptability.

Projects

Exploratory Data Analysis *Sept 2023 - Nov 2023*
In this project, a dynamic Excel dashboard was created to analyze over 360 data points, uncovering insights about customer purchase behavior, such as the time at which students are more likely to make purchases. Using Python libraries, visualizations were generated to provide actionable insights, which were presented during an exhibition conducted by the Department of Data Science. Technologies used included Excel and Python.

DriveFIX: Simplifying Vehicle Service Management *Sep 2024 - Nov 2024*
This web-based platform revolutionized the way vehicle owners and service centers connect, ensuring seamless vehicle maintenance. It featured personalized user accounts for tailored profiles, location-based search for service bookings, and natural language processing (NLP) for analyzing user feedback. Service centers could efficiently manage bookings and customer relationships, fostering trust and business growth. Technologies used included Django (Python), HTML, CSS, JavaScript, SQLite, and NLP.

Internship Experience

AI/Application Project Intern, Christ Infotech, Pune *Feb 2024 – Jun 2024*

Modular Application Development: Developed a web-based modular application integrating several AI and utility tools, such as a Q&A generator powered by the TinyLLaMA model (a lightweight Large Language Model), PDF and audio converters, letter of recommendation generator, OCR model, PDF to Word converter, and a text rewriter. The backend was built using Django, and the frontend with HTML, CSS, and JavaScript. The application demonstrated real-world integration of LLM capabilities and practical user tools in one cohesive platform.

Chatbot Development: Engineered a smart chatbot for Christ University Lavasa using Retrieval-Augmented Generation (RAG), FAISS indexing, and TinyLLaMA—an LLM inspired by the GPT Transformer architecture. Combined with LangChain and web scraping via BeautifulSoup, the chatbot delivered context-aware and intelligent responses by grounding LLM outputs in university-specific data. This project emphasized the power of integrating RAG with LLMs for enhanced user experience and demonstrated the practical use of modern NLP frameworks.

Certifications

Fundamentals of AI Agents Using RAG and LangChain , Coursera	<i>Mar 23, 2025</i>
Complete MLOps Bootcamp with 10+ End to End ML Projects , Udemy	<i>Mar 27, 2025</i>
Meta Back-end Developer Professional Certificate , Coursera	<i>Mar 26, 2025</i>

Languages

English, Malayalam, Hindi