Ashutosh Jarag

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EXPERIENCE

COMPSERV CONSULTANTS PVT LTD | AI/ML Intern
Jan 2025 – Present | Kolhapur, India (Onsite)
- Developing an LLM system to automate handwritten bill processing, projected to reduce 70% manual work.
- Implementing in-app OCR model using AI, currently achieving 85% in testing, with target of 100+ bills/day.
- Conducted exploratory data analysis to identify patterns, trends, and insights using statistical methods and data visualization on clients data.

TVARIT SOLUTIONS PVT LTD | Data Science Intern
June 2024 – Aug 2024 | Pune, India (Onsite)
- Worked as a Data Science Intern, collecting and preparing data for Exploratory Data Analysis (EDA) to support senior data scientists.
- Collaborated with cross-functional teams to align data requirements and ensure data consistency.
- Created a Python-based data pipeline to extract, clean, and transform raw data into Tvarit-style reports for analysis and presentation.

KOLHAPUR INCUBATION CENTER | Data Team Lead and Web Developer
Feb 2024 – June 2024 | Kolhapur, India (Onsite)
- Developed a website to showcase and manage information related to different Bachat Gats(Women's Self-Help Groups).

PROJECTS

AUTOLOG | LLM Model Engineer
Nov 2024 – April- 2025
- Project Link - **Project**
- Designed an AI-driven vehicle management system for parking facilities, utilizing LLM-powered image processing to accurately identify license plates and log entry/exit times by reducing manual errors and work by 80% .

DOCCHAT | Personal Project
April 2025
- Project Link - **Project**
- In this project, I created a simple RAG model that answers users questions from provided document.

SMS EMAIL SPAM DETECTION | Personal Project
Jan 2025
- Project Link - **Project**
- Created a model that detects spam messages using machine learning and NLP techniques with 95% percent accuracy.

BOOK RECOMMENDATION SYSTEM | Personal Project
Jan 2025
- Project Link - **Project**
- Developed a book recommender system by popularity and collaborative filtering techniques

ABOUT ME

Motivated fresher with expertise in Python, SQL, and machine learning, demonstrated through Personal and College Projects. Passionate about AI, LLMs, and generative AI, with hands-on experience in NLP and predictive modeling. A proactive problem-solver and clear communicator, eager to drive innovation in AI-powered solutions for retail, hospitality, and beyond.

EDUCATION

SHIVAJI UNIVERSITY
B.tech in Computer Science(Data Science)
Dec 2025 | Kolhapur, Maharastra
CGPA: 8.1 / 10.0

DR. D. Y. PATIL POLYTECHNIC
Diploma in Computer Science
2022 | Kolhapur, Maharastra
Per 84.23%

SKILLS

PROGRAMMING
- Python • Javascript Basics

AI/ML
- Data Science • Machine Learning
- NLP • LLM • LangChain
- Artificial Intelligence • RAG

DATABASES
- SQL • MySQL • NoSQL • Snowflake

VISUALIZATION
- Tableau • Power BI • Excel
- Databricks

TOOLS
- GitHub • Docker • AWS
- GCP

OTHER SKILLS
- Team Lead • Problem Solving
- Communication • Adaptability

CERTIFICATES

Data Science and ML - Udemy
Data Analytics Essentials - Cisco
Advance SQL -Great Learning