

# Ashutosh Jarag

jaragashutosh11@email.com | +91 9527900909

## EXPERIENCE

### COMPSERV CONSULTANTS PVT LTD | AI/ML INTERN

Jan 2025 – Present | Onsite- Kolhapur, India

- Working on developing an LLM-based application to automate handwritten bill entry into a database.
- Collaborating on an in-app OCR model integration for real-time text extraction and processing.
- 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

- 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

- 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 – Present

- 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.
- Implemented Python-based data pipelines and SQL for secure cloud-based storage, enabling real-time monitoring and billing.
- Improved efficiency by automating manual tasks, delivering a scalable solution for smart parking in commercial and residential settings.

### DOCCHAT-AI | PERSONAL PROJECT

April 2025

- Project Link - [Project](#)
- In this project, I created a Streamlit web application that lets users upload PDF or Word documents and ask questions about their content.
- I worked on extracting text from these documents, splitting it into manageable chunks, and embedding it into a FAISS vector store for efficient retrieval.
- Using Google Gemini as the language model and Hugging Face embeddings, I built a small chatbot to provide accurate answers based on the document.

## 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)

Expected Dec 2025 | Kolhapur, Maharashtra

CGPA: 8.1 / 10.0

### DR. D. Y. PATIL POLYTECHNIC

DIPLOMA IN COMPUTER SCIENCE

2022 | Kolhapur, Maharashtra

Per 84.23

## SKILLS

### PROGRAMMING

Python • Data Science • Machine Learning • NLP • LLM • LangChain

### TECHNOLOGY

Git/Github • AWS • Linux

UNIX • Windows •

Artificial Intelligence • Docker

### AI MODELS

OpenAI • Gemini • HuggingFace •

Cluade • xAI

## LINKS

[Github](#)

[LinkedIn](#)