

VISHAKHA GHETE

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EDUCATION


Vishwakarma Institute Of Information Technology Pune, India

B.Tech - Computer Science and Engineering - CGPA - 8.87

2021 – 2025

kondhwa ,pune

EXPERIENCE


Data Analyst Intern at Unified Mentor 

Sep 2024 - Oct 2024

Role - data analyst

pune

- -The HR analytics project predicts employee termination using machine learning models like XGBoost by analyzing factors such as tenure, performance through data preprocessing, feature engineering, and model evaluation.
- Created a Power BI dashboard for Netflix data to visualize trends in content type, ratings, genres, and geographic distribution, supporting data-driven content strategies.

Summer Internship Program 


Aug 2022 - Nov 2022

Role - Documentation Head

pune

- Gained hands-on experience in AR development through the AR Indoor Navigation System project using Unity 3D, Google ARCore, SLAM, A* Algorithm, Autodesk Revit, and ZXing.
- Developed an AR-based indoor navigation app with QR-based localization and SLAM for real-time positioning without GPS, and implemented A* pathfinding with AR overlays in Unity for real-time indoor directional assistance.

PROJECTS

E-commerce Data Pipeline  | PySpark, SQL, Google Cloud (Dataproc, Cloud Storage)

April 2025

- **Developed an end-to-end ETL data pipeline** using **PySpark** on **Google Cloud Platform (Dataproc, Cloud Storage)** to process and analyze **Brazilian e-commerce data (100k+ records)**
- Ingested, transformed, and aggregated order, payment, and review data using Spark SQL to extract sales trends and customer insights. .

Hands-Free Multi Media Control System  | Python, OpenCV, MediaPipe, PyAutoGUI ,ML Nov 2025

- **Developed a real-time gesture recognition system** using **Python, OpenCV, and MediaPipe** to enable **gesture-based control** of media playback and navigation.
- **Implemented custom gesture-to-keyboard mapping**for **hands-free accessibility**, with **visual feedback** and **timing optimizations** to ensure **accurate, user-friendly interaction** for presentations and media players.

AI-Powered MCQ Generator Web Application  | Flask, Google Generative AI, Python,CSS 2024

- - Developed a Flask-based application to generate multiple-choice questions (MCQs) from PDF, DOCX, and TXT files using Google Generative AI.
- - Implemented text extraction, AI-driven question generation, and downloadable results in TXT and PDF formats.Leveraged Python libraries (pdfplumber, python-docx, FPDF) to automate quiz creation for educational

SKILLS

Technical skills: Python(Numpy, Pandas, Matplotlib, Seaborn,Tensor Flow, Scikit-Learn, PySpark),Gen AI ,PostgreSQL, MySQL, SQL,Database Management System, Data Structure and Algorithm , Machine Learning, AI,Statistic, Netwoking,OOPS ,Basic knowledge of **Cloud Computing** ,Azure Devops, Azure SQL

Data Management : Microsoft PowerBI, Excel,Data Visualization,Data Modeling , Data Lake, Data Warehouse ,Jira, Trello, Notion, MS PowerPoint, Canva

Soft Skills : Communication, Leadership, Teamwork, Presentation Skills, Critical Thinking , Problem Solving, Analytical Skills

CERTIFICATIONS

- **Microsoft Power BI Data Analyst Professional Certificate (Coursera)**
- **Data Analytics Career Path: 72 Days of Data Analyst Bootcamp (Udemy)**
- **Big Data Engineering Bootcamp with GCP, and Azure Cloud (Udemy)**
- **Generative AI for Data Scientists Specialization (Coursera)**
- **Agile Project Management (Coursera)**