PRAJWAL JAGTAP

EDUCATION

- **Savitribai Phule Pune University**
  Completed Bachelor of Computer Application with CGPA 9.02 (83.24%) in 2021-24
- **Maharastra State Board**
  Completed 12th in Abhinav Junior College with 78.50% in 2021
- **Maharastra State Board**
  Completed 10th in Vidya Vikas Vidyalay with 76.60% in 2019

CERTIFICATIONS

- **Databricks Certified Data Engineer Associate**
- **Databricks Fundamentals**
- **GCC-TBC English Typing 30wps**
- **National Service Scheme**

TECHNICAL SKILLS

- **GoLang**
- **Python**
- **Apache Spark, SQL**
- **Data Structure & Algorithm**
- **Java**
- **Aurdunio Programming**
- **HTML, CSS, JavaScript**

CONTACT

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📌 **To redirect on certification or project in github click on Title or Description of project.**

PROJECTS

🛬 Databricks Flights Data Pipeline Project

- **End-to-end data engineering project** on Databricks that demonstrates the modern **medallion architecture**
- Processing data through Bronze, Silver, and Gold layers using Delta Lake, Auto Loader, DBT, and dynamic notebooks for dimension and fact modeling.

📊 Bitcoin Streaming Data Pipeline on Databricks

- Project demonstrates a **Bitcoin streaming data pipeline** built on Databricks.
- The pipeline ingests, processes, and stores bitcoin price data from a producer into a multi-layer Delta Lake architecture.

⚙️ Microservices Architecture

- Task of **Keploy Inc.** company in **GSOC** 2025.
- This task aims to build a system with multiple microservices communicating via HTTP APIs.
- It contains 4 services User, Order, Payment, Notification(send email).
- Built in **Go** for frontend routing and microservices.

🩺 Diabetes Risk Predictor

- A lightweight, full-stack machine learning project that predicts diabetes risk using user health inputs.
- Built with **Go** for frontend routing and FastAPI as a Python microservice for ML-based classification.

🦠 COVID-19 Report Application

- A full-stack COVID-19 reporting tool built with a **Go** web server on the frontend and a **Python (Flask + PySpark)** microservice on the backend.
- It visualizes COVID-19 stats for a given country using a pie chart and a summary section.

🌤️ Weather Predictor

- A web-based weather forecasting system that predicts the average temperature using machine learning.
- Based on previous trend predict present avg temp.
- Built with **Go** for frontend routing and **FastAPI** as a Python microservice for ML-based prediction.

🚧 U-Turn Safety System

- **State Level Competition Winning Project.**
- IOT based Project with Ardunio Programming.

👨‍🎓 Student Attendance System For College

- Third Year (6th Sem) Project.
- With **Java & MySQL** as Database.