Kalpesh Pawar

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EDUCATION

D.Y.Patil College Of Engineering	Pune, MAHARASHTRA
*Bachelor of Engineering (IT)	CGPA: 9.2*	*July 2019 – June2024*
Pratap College, Amalner	Jalgaon, MAHARASHTRA
*Higher Secondary Education	80.77 %*	*July 2017 – June2019*

EXPERIENCE

Data Engineering Intern — May 2023 – July 2023
Celebal Technologies — *Remote*

- Contributed to a diverse range of projects focusing on data engineering and analytics for the **sales and marketing** use case, orchestrated robust data pipelines using **Azure Data Factory** and Successfully achieved a **20% reduction in execution time** for data pipelines within Azure Data Factory, leveraging strategic optimizations and performance-enhancing techniques.
- Played a vital role in developing a comprehensive **data warehousing** solution, ensuring efficient data storage, retrieval and analysis.Leveraging my expertise in **data modeling.**

AWS Cloud Intern — Feb 2023 – April 2023
TCR Innovation — *Remote*

- Designed and implemented a robust cloud solution for a retail store chain and comprehensive business analytical support by leveraging **AWS** services.Implemented API Gateway for secure API management and load balancer for traffic distribution.
- Integrated Amazon EC2 for dynamic compute resources, Amazon S3 for scalable storage and Amazon Redshift for data warehousing.Leveraged Amazon CloudWatch for real-time monitoring and AWS Lambda for serverless computing.

PROJECTS

Olist E-commerce Store | *Big Data-driven Insights: Azure Data Pipeline for E-commerce Revenue Forecasting* ⌽ ⌽
Tech Stack : Python, Pyspark, Azure Data Factory, Azure Databricks, Azure Synapse, ADLS Gen2, PowerBi

- Orchestrated a comprehensive **data pipeline** in Azure to predict e-commerce revenue from historical transaction data.Seamlessly **data ingestion** from on-premises Olist store dataset into Adls using Azure Data Factory.
- Leveraged Azure Databricks for **advanced data processing**, significantly enhancing data quality for accurate predictions.Stored analytical data in **data warehouse** and utilized Power BI to create insightful dashboards.

Hire.AI | *AI-Automated Interview Platform* ⌽
Tech Stack : ReactJS, NodeJS, ExpressJS, MongoDB, **OpenAI (Whisper & GPT 3.5) Model**, Socket.IO

- This AI-powered automated interview platform offers customizable video interviews with NLP analysis, automated Interview scheduling, ATS integration, bias mitigation, assess candidates and a time-saving hiring platform.
- My primary role involves orchestrating OpenAI models, specifically the Whisper model, for voice-to-text conversion and customizing interview workflows for specific job roles.

GrowGreen | *Cloud Based Green Initiative Platform* ⌽
Tech Stack : Django, HTML5, CSS3, JavaScript, Bootstrap, PostgreSQL, **Azure** App Service, Rest API

- This **immersive online platform** enables individuals to actively participate in tree planting initiatives, offering a convenient way to engage in environmental conservation and **tree plantation efforts**.
- Offers wide range of **trees categorized** for specific needs, adding them to their **cart** or **wishlist** for future reference. With convenient **payment options** while the innovative **tracking** feature allows users to monitor their adopted tree's growth.

TECHNICAL SKILLS

Languages :	Java, SQL, Python, Dart
Cloud Technologies :	Azure Data Factory, Azure Databricks, Azure Datalake Storage, Azure Stream Analytics, Azure Synapse Analytics, Azure Logic Apps
Web Technologies :	Flutter, Django, HTML5, CSS3, Bootstrap, Material-UI
Databases :	PostgreSQL, MongoDB
Other Skills :	OOP, Power BI, Data Warehousing and Modeling, Git, Linux

ACHIEVEMENTS

- Successfully completed the **Google Cloud Program 2021**, hosted by GDSC, Pune, specializing in **Cloud Engineering and Machine Learning** and participated in the **Microsoft Imagine Cup 2022.**
- Published **5 tech** articles on **Medium** platform ⋈ and **5** ☆ **HackerRank (SQL).**
- Actively participated in a **hackathon** organized by **Jatayu**, contributing to a conversational Artificial Intelligence use case.

PROFESSIONAL CERTIFICATIONS

- **DP900 :** Microsoft **Azure** Data Fundamentals
- **AWS** Cloud Practitioner Essentials
- **AZ900 :** Microsoft **Azure** Fundamentals
- **Databricks** : Lakehouse Fundamentals