





Yashashree Adhangle

 +91 9699538681  yashashree722@gmail.com  [LinkedIn](#)  [Github](#)

PROFESSIONAL SUMMARY

software engineer with over 2+ years of experience in backend development, SQL optimization, data engineering and cloud engineering. Adept in Django, Django rest framework, ORM, Fast API, Apache Beam and SQL with a strong foundation in cloud services (GCP & AWS). Proven track record of building scalable, modular, and reusable backend systems. Experienced in full SDLC, and DevOps practices. Eager to contribute to innovative backend tools and utilities.

Key Expertise:

- **Python Development:** Writing modular, scalable, and maintainable code for data processing, backend APIs, and automation workflows.
- **Cloud-Based Data Engineering (GCP):** Building and deploying data pipelines using Google Cloud services like BigQuery, Cloud Functions, Pub/Sub, Cloud SQL, and Dataflow.
- **Database Management:** Working with SQL SERVER, MongoDB structured and semi-structured data handling.
- **DevOps & CI/CD:** Source control with GitHub, deploying with Docker, and creating basic CI/CD pipelines for automated testing and deployment.

WORK EXPERIENCE

Cloud Full Stack developer | Agivant technologies

Feb 2023 – Nov 2024

- Designed and implemented robust backend systems using Django and Python, with modular and reusable code architecture—contributing to faster development cycles and easier maintenance
- Designed and implemented data processing pipelines using Apache Beam (Python SDK) to handle streaming and batch audio metadata.
- Identified and fixed code bottlenecks by tuning Django ORM and SQL queries, leading to a 40% reduction in API response time and increased backend efficiency for real-time systems.
- Automated ETL pipelines in Azure Data Factory, cutting manual effort by 50% and increasing pipeline reliability
- Optimized pipeline parallelism and resource configuration, resulting in a 30% improvement in processing speed and enabling the system to scale efficiently for high-volume audio datasets.
- Developed reusable Python automation scripts to handle repetitive data processing tasks, increasing team efficiency and reducing manual workload by over 40%.

Python Development – Intern | Vb Solutions Pvt. Ltd.

Mar 2022 – Mar 2023, Nashik

- Developed dynamic web applications using Django (MVT), DJANGO REST FRAMEWORK and FAST API frameworks, enabling rapid and scalable backend development.
- Contributed across the software development lifecycle.
- Built applications by integrating RESTful APIs, enhancing modularity and scalability for data-driven platforms.
- Managed data storage and retrieval using PostgreSQL ensuring efficient and reliable data operations.
- Collaborated closely with front-end developers to ensure seamless integration and end-to-end application performance.

PROJECTS

1 . Audio Quality solution (Python , GCP , DRF , SQL)

Worked on an end-to-end audio analysis solution using Apache Beam for large-scale data processing, GCP for cloud deployment, and SQL for data transformation and analytics.

Integrated REST APIs to ingest audio metadata and deliver real-time insights on quality, sentiment, and speech metrics for improved client content evaluation.

2 . E- commerce shopping website (SQL , ADF , PYTHON)

Built automated ETL workflows using Azure Data Factory and Python, streamlining data integration across large - scale e-commerce systems.

Improved data reliability and performance with optimized SQL queries, reducing manual effort by 40% and enhancing processing speed for large datasets.

3 Multi-Vendor Marketplace (Ongoing) :

Building a feature-rich restaurant marketplace web application using Django, PostgreSQL, and AJAX, with functionalities like location-based search, vendor dashboards, dynamic cart system, and PayPal/Razorpay integration. Implemented custom user roles, Google Maps API, and real-time order processing features

TECHNICAL SKILLS

Programming Languages & Libraries

- **Languages:** Python, SQL (Advanced),

Python Libraries: Pandas, NumPy, PySpark, Redis, , celery , Request module , RabbitMQ

Data Engineering & Cloud Platforms

- **Google Cloud Platform (GCP):** Cloud Storage (GCS), BigQuery, Dataflow, Cloud SQL, Cloud Functions, Pub/Sub,, Cloud Composer, Compute Engine, App Engine, Monitoring, Logging
- **Amazon Web Services (AWS):** S3, EC2, Lambda ,sagemaker
- **DevOps & Infrastructure:** Docker, Kubernetes (basic), Git, GitHub,

Database Technologies

- **SQL Databases:** SQL server , (Advanced SQL – joins, window functions, aggregation, ranking)
- **NoSQL Databases:** MongoDB,

Frameworks & Web Development

- **Backend:** Django , Django rest framework, ORM,Fast api , REST APIs
- **API Development:** RESTful APIs using Django/Fast API

DevOps & CI/CD: Git, GitHub, , Docker, Kubernetes (basic), CI/CD pipeline integration

AI & LLM Tools: OpenAI APIs, LangChain, HuggingFace Transformers (basic knowledge), GEN AI ,

Software & Tools: Visual Studio Code, Jupyter Notebook, PyCharm, Postman, Figma

Data Structures & Algorithms (Basics): Arrays, Stacks, Queues, Linked Lists, Sorting/Searching, Trees, Graph Traversals, Time/Space Complexity

Education

Bachelor of Engineering in Information Technology (B.E.- IT)
Government College of Engineering, Aurangabad| 2020 – 2023

Diploma in Information Technology
Government Polytechnic Nashik | 2017 – 2020

Certifications

AWS Certified Cloud Practitioner

Python Bootcamp