Aman Rao Sanas
Data Engineer

CONTACT DETAILS

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CORE COMPETENCIES

- ETL Workflow Design & Optimization
- Data Pipeline Architecture & Integration
- Cloud Data Strategy & Implementation
- Real-Time Analytics Enablement
- Data Governance & Quality Assurance
- Process Automation & Operational Efficiency
- Cross-Functional Team Collaboration
- Cost Reduction & Resource Optimization
- Agile Project Execution & Delivery
- Scalable Data Infrastructure Planning

EDUCATION

2022: B.Tech., Computer Science (AI Specialization) | Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore

TRAININGS

- AI, IBM, Indore Jul 2021 – Aug 2021
- Explored IBM Watson and real-world AI use cases.
- Built AI workflows using Node-RED and Google Teachable Machine

PROJECT UNDERTAKEN

Sep'21 – Dec'21 | Weblocks – Full Stack Cloud Application
Tech Stack: **Django, Docker, REST API, CI/CD**

Overview: Built a full-stack cloud-based application to manage user profiles and inventory data efficiently. The application featured modular microservices and was designed to support high availability & scalability.

SOFT SKILLS

- Cross-functional Collaboration
- Analytical Thinking
- Problem-Solving
- Progressive Leadership

PERSONAL DETAILS

- **Date of Birth:** 17th May 2000
- **Languages Known:** English, Hindi
- **Location:** Indore

JOB OBJECTIVE

*Results-oriented Data Engineer with **3 years of experience,** targeting a challenging role in a building scalable, cloud-native data pipelines and automating ETL workflows. Aiming to deliver high-performance data solutions that support real-time analytics and informed business decisions.*

PROFILE SUMMARY

- **Experienced** in architecting **high-performance data solutions**, streamlining **complex ETL workflows**, and accelerating **data availability** for strategic **business decisions**.
- Spearheaded the development of **real-time data pipelines** using **AWS Glue**, **Lambda**, and **Step Functions**, achieving a **30% improvement** in workflow speed & enhanced **analytics capability**.
- Skilled in driving **cloud cost optimization** efforts, reducing expenses by **$500/month** while increasing **data reliability** by **25%** through **scalable** and **fault-tolerant cloud architectures**.
- Proven expertise in managing **large-scale data environments**, automating **end-to-end data ingestion**, **transformation**, and **delivery** to ensure **operational efficiency** and **data integrity**.
- Effective contributor in **agile teams**, known for **automation-led improvements**, **stakeholder collaboration** & translating **complex business requirements** into **scalable technical outcomes**.

TECHNICAL SKILLS

Programming Languages	Python, SQL
Frameworks & Libraries	Django, PySpark, Pandas and NumPy
Cloud Platforms	AWS (Glue, Lambda, Redshift, S3, CloudWatch), IBM Cloud
ETL & Data Pipelines	Apache Airflow, AWS Glue, Custom ETL Scripts
DevOps & Automation	Docker, Terraform, CI/CD, Git, Jenkins
Data Storage & Warehousing	Amazon Redshift, S3, MySQL, SQLite
APIs & Integration	REST APIs, AWS Lambda integrations, IBM Watson APIs
Orchestration Tools	Apache Airflow, AWS Step Functions
Monitoring & Logging	AWS CloudWatch
Version Control	Git
Front-End / UI	HTML, CSS, Bootstrap

NOTABLE ACCOMPLISHMENTS

- **Recognized twice as Employee of the Month** (Jan 2023 & Jun 2023) for demonstrating exceptional ownership, reliability, and consistent delivery on critical projects.
- **Achieved a 66.67% growth in total compensation** over 2.5 years through sustained high performance, exceeding business KPIs and driving measurable outcomes.
- **Received 4 consecutive KPI-based performance hikes**, reflecting consistent top-tier contributions: **+14.6%** (Jan 2023) | **+12.7%** (Jul 2023) | **+12.7%** (Jan 2024) | **+21.9%** (Jul 2024)
- **Consistently rewarded with biannual salary increases**, aligned with organizational KPI frameworks and performance management standards.

WORK EXPERIENCE

Jul'22 – Dec'24 | Software Engineer – II, Consultadd

- **Designed Scalable ETL Pipelines** – Owned the **complete lifecycle of ETL pipelines**, from data **ingestion and transformation to production deployment**, ensuring pipeline health, automation, and business-aligned data delivery using AWS (S3, Lambda, Glue) and Python
- **Data Migration with High Accuracy** – Successfully migrated **14+ tables across 3 data sources** with **99.9% data accuracy**, achieving seamless transition with minimal operational disruption.
- **Workflow Automation** – Automated ingestion, transformation, and deployment processes using **Python and AWS services**, reducing manual effort by **40%** and enhancing consistency.
- **Agile Collaboration & CI/CD Excellence** – Contributed in Agile teams, enforced code quality through **peer reviews**, and maintained **CI/CD pipelines**, accelerating deployment cycle

INTERNSHIP

Jan'22 – Jun'22 | Software Engineer Intern, Consultadd, Remote

- **Data Engineering & Integration:** Developed Python-based data ingestion and transformation modules using AWS S3 and API integrations, enabling real-time data flow & seamless reporting.
- **Cloud Infrastructure Automation:** Supported automated provisioning of cloud infrastructure using scripting and templating tools, accelerating deployment cycles.
- **Agile Development & QA:** Participated in Agile sprints, conducted peer code reviews, and resolved technical issues to ensure high-quality, timely delivery.