

Abdulaziz Bin Odah

Data Engineer | Data Analyst | Python, SQL, Google Cloud Platform (GCP)

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Professional Summary

Data and cloud professional with 8+ years at Aramco across logistics, systems analysis and information security. Works in Python, SQL, BigQuery and Google Cloud Platform (GCP), and earned the Google Cloud Professional Data Engineer certification in 2023. Builds data-driven applications and automation, including a Visual Basic and SQL productivity-tracking application used by about 100 employees, a serverless WhatsApp bot on Cloudflare Workers with a SQL database, and a Next.js and PostgreSQL ordering platform. Experienced in access management, data leak assessment and security awareness for a department of 700+ employees. Seeking Data Engineer, Data Analyst, Data Scientist or Software Developer roles in Saudi Arabia.

Technical Skills

- **Languages:** Python, SQL, Java, JavaScript, TypeScript, Visual Basic, HTML, CSS
- **Data and databases:** BigQuery, PostgreSQL, MS Access, Cloudflare D1, Dataflow, Dataproc, Data Fusion, data flow diagrams
- **Data tools (working knowledge):** Apache Spark (PySpark), Apache Airflow (Cloud Composer), Power BI, DAX
- **Cloud and DevOps:** Google Cloud Platform (GCP), Amazon Web Services (AWS), Docker, Kubernetes (GKE), Terraform, Linux, Git, GitHub Actions, Continuous Integration and Continuous Delivery (CI/CD), Cloudflare Workers
- **Web and applications:** Next.js, React, Flutter, Supabase
- **Security:** information security, identity and access management (IAM), Active Directory, data leak assessment, compliance monitoring, security awareness

Work Experience

Information Security Analyst | Aramco | Dhahran, Saudi Arabia | 04/2024 - Present

- Review, evaluate and approve access requests daily, applying access control for a department of 5 divisions and 700+ employees.
- Monitor and assess potential data leaks daily and complete 3 assessments per quarter.
- Monitor and update user permissions and Active Directory accounts.
- Conduct periodic security checks on systems and user behavior to support compliance monitoring.
- Deliver security awareness activities to department staff.

System Analyst | Aramco | Dhahran, Saudi Arabia | 01/2022 - 03/2024

- Built a daily productivity-tracking application (Visual Basic, SQL, MS Access database) used by about 100 employees to measure and report individual output.
- Produced as-is and to-be data flow diagrams to document and improve departmental processes.
- Served as first point of contact for IT issues and troubleshoot workstation, application and system problems.

Logistics Expeditor | Aramco | Dhahran, Saudi Arabia | 12/2017 - 12/2021

- Coordinated orders, delivery dates and stock levels between the department and vendors, and maintained records.

Projects

Weekly Lunch Bot | 2026 | JavaScript, SQL, Cloudflare Workers, Cloudflare D1, WhatsApp Cloud API

- Designed a SQL database schema (people, weeks, RSVPs, webhook events) and scheduled cron jobs that send invites, reminders and cut-off notices.
- Built a serverless WhatsApp bot on Cloudflare Workers that handles Meta webhooks, answer confirmation and host rotation, with approved Arabic message templates.

AquaShop Ordering Platform | 2026 | Next.js, TypeScript, Supabase (PostgreSQL), Moyasar, GitHub Actions

- Built an Arabic-first (RTL) storefront and admin panel prototype for a Saudi bottled-water company in a pnpm monorepo, with continuous integration (CI) on every pull request.
- Planned the PostgreSQL schema, row-level security (RLS) policies and Moyasar payment integration for the backend phase.

Rawafid Data | 2026 | Cloudflare Pages

- Founded a freelance data business offering analytics dashboards, automation and data science projects, and launched its bilingual (Arabic/English) website at rawafiddata.com.

Certifications and Training

- Google Cloud Professional Data Engineer | issued 03/2023, expired 03/2025
- Google Cloud Associate Cloud Engineer | issued 11/2022, expired 11/2025
- AWS Certified Cloud Practitioner | issued 01/2023, expired 01/2026
- AWS re/Start, Tuwaiq Academy | 10/2022 - 01/2023
- SDAIA CLOUDERS (Google Cloud): Associate Cloud Engineer, Machine Learning and Professional Data Engineer tracks | 09/2022 - 04/2023

Education and Languages

B.Sc. Information Technology, Saudi Electronic University | 09/2018 - 06/2022 | GPA 3.09 / 4.00

Languages: Arabic (native), English (professional working proficiency)