

# Abdulaziz Bin Odah

Software Developer | Python, JavaScript, TypeScript, Next.js, SQL

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## Professional Summary

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Software developer with 8+ years at Aramco, building internal tools and personal products in Python, JavaScript, TypeScript, Next.js and SQL. Built a Visual Basic and SQL productivity-tracking application used by about 100 employees, a serverless WhatsApp bot on Cloudflare Workers with scheduled jobs and a SQL database, and an Arabic-first Next.js and PostgreSQL ordering platform with continuous integration. Familiar with Docker, Git, GitHub Actions and Google Cloud Platform (GCP), with a security background in access control and data leak assessment. Seeking Software Developer or Full-Stack Developer roles in Saudi Arabia.

## Technical Skills

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- **Languages:** Python, JavaScript, TypeScript, Java, SQL, Dart, Visual Basic, HTML, CSS
- **Frameworks and libraries:** Next.js, React, Flutter, Bootstrap, Tailwind CSS
- **Backend and APIs:** REST APIs, webhooks, Cloudflare Workers, Supabase, authentication and authorization
- **Databases:** PostgreSQL, SQL, BigQuery, Cloudflare D1, MS Access
- **Cloud and DevOps:** Google Cloud Platform (GCP), Amazon Web Services (AWS), Docker, Kubernetes (GKE), Terraform, Git, GitHub Actions, Continuous Integration and Continuous Delivery (CI/CD), Linux
- **Data tools (working knowledge):** Apache Spark (PySpark), Apache Airflow (Cloud Composer), Power BI, DAX
- **Security:** information security, access control, identity and access management (IAM), Active Directory

## Work Experience

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

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

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

- Built and maintained a daily productivity-tracking application (Visual Basic, SQL queries, 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.
- First point of contact for application, workstation and system issues; troubleshoot and resolved 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

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**Weekly Lunch Bot** | 2026 | JavaScript, Cloudflare Workers, Cloudflare D1 (SQL), WhatsApp Cloud API, REST APIs

- Built a serverless backend on Cloudflare Workers that integrates with the WhatsApp Cloud API (Meta Graph API), processes webhooks and verifies request signatures.
- Designed the SQL schema and scheduled cron jobs for invites, reminders and cut-off notices, with answer confirmation and host rotation logic.
- Built a bilingual (Arabic/English) server-rendered dashboard with password login (PBKDF2 hashing), session cookies and token-protected admin endpoints.

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

- Built an Arabic-first (RTL), mobile-first storefront and admin panel prototype in a pnpm monorepo: product filters, cart, checkout with Saudi mobile number validation and delivery slots, and order confirmation.
- Set up continuous integration (CI) that runs type-checking and builds on every pull request.
- Planned the PostgreSQL schema, row-level security (RLS) policies and Moyasar payment integration with server-side verification for the backend phase.

**Rawafid Data** | 2026 | HTML, CSS, JavaScript, Cloudflare Pages

- Built and deployed a bilingual (Arabic/English) website for my freelance data business at rawafiddata.com on Cloudflare Pages.

## Certifications and Training

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- 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

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

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