

Abdulaziz Bin Ajiyan

Software Engineer

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🌐 Abdulaziz Bin Ajian 🔄 AbdulazizYas

PROFILE

Software engineer with a background in backend development and cloud computing, and growing expertise in DevOps and platform engineering. Focused on building scalable systems, improving workflows, and solving complex technical challenges.

EMPLOYMENT

Platform/DevOps Engineer, *Tamkeen Technologies*

Oct 2024 – present

As a Platform/DevOps Engineer, I worked on enhancing monitoring and alerting systems with Prometheus and Grafana, deploying and configuring metrics exporters on specific nodes, and troubleshooting issues across Kubernetes clusters. I contributed to improving the company's PaaS by setting up and managing Helm charts, working with Kubernetes operators, and optimizing CI/CD pipelines with GitLab. My role also involved automating backup and restoration processes, researching Internal Developer Platforms (IDP), and delivering Proofs of Concept to streamline developer workflows and infrastructure management.

Software Engineer, *The Lending Hub*

Aug 2024 – Oct 2024

Developed and optimized backend microservices for fintech solutions, integrating with telecommunications third parties and open banking platforms. Streamlined microservices development by creating core packages and documenting development standards. Redesigned database schemas for enhanced performance and scalability. Deployed and managed open-source applications on Kubernetes using Helm.

Cloud Engineer, *Jareed, LLC.*

Jun 2024 – Mar 2025

Maintained and optimized the cloud infrastructure, including AWS Lambda functions and Amazon RDS. Improved the infrastructure by implementing Terraform for Infrastructure as Code (IaC), and developed comprehensive IaC plans to align with and enhance the existing cloud setup.

Software Engineer (Backend), *Jeel, LLC.*

Jun 2023 – Oct 2023

Upgraded the logging framework using SLF4J/logback.xml, enhancing compatibility with Grafana for better monitoring and performance analysis. Successfully helped migration from PostgreSQL to MySQL, redesigned the database schema, and optimized audit tables, improved database performance. Automated database schema transformations to DTOs with MapStruct and developed SMS message templates while optimizing them, reducing costs while maintaining clarity. Refined data retrieval processes using JPQL for efficient access. Authored detailed OpenAPI documentation and enhanced API security by masking server indications, improving system integrity and usability.

Full-Stack Developer, *Arshfa Est.*

Oct 2022 – Oct 2023

Developed the MyArshfa dashboard, enhancing content management with an intuitive design. Led improvements in the CMS for Arshfa Academy, optimizing content workflow and performance. Built the MyArshfa platform using NestJS and Next.js, ensuring high scalability and robustness. Managed DNS and API hosting on AWS, improving reliability and performance globally.

EDUCATION

Bachelor of Software Engineering,

King Fahd University of Petroleum and Minerals
2019 – 2024 | Dhahran, Saudi Arabia

Second Honor - GPA: 3.62/4

Concentration of Cloud Computing,

King Fahd University of Petroleum and Minerals
Sep 2023 – Jun 2024 | Dhahran, Saudi Arabia

CERTIFICATES

AWS Cloud Practitioner — Amazon Web Services - Level

1 - Issued Mar 2024 • **Terraform Associate 003** —

HashiCorp - Issued Jul 2024

PROJECTS

ARA, *AI Recording Analysis*

ARA is a cutting-edge platform deploying advanced AI and computer vision technologies to analyze store surveillance videos. Leveraging Terraform, I orchestrated the deployment of the entire application on AWS, implementing public and private subnets, auto-scaling groups, and load balancers to ensure scalability and robustness

Computer Lounge

A developer hub built with Flask, enabling article publishing, project showcasing, receiving feedbacks from peers, and discussions via a user-friendly interface. Integrates SQLAlchemy, Flask-Mail for email verification, and Amazon S3 for image storage, supporting markdown for articles.

SKILLS

Kubernetes, Docker, Helm & Kustomize | AWS/Azure Cloud | Oracle Cloud (OCI) | Terraform | Microservices | Python & FastAPI | MongoDB | SQL (Postgres/MySQL) | Node.js & ExpressJs & NestJs | PHP & Laravel | Java & Spring Boot | REST & GraphQL | Git & Github/Gitlab | NGINX | Jenkins | Palo Alto Firewall | OpenSearch & Fluentd/Fluent-Bit | Prometheus & Grafana | Bash Scripting | ArgoCD | CI/CD Pipelines | Problem-Solving | Adaptability | Emotional intelligence | Self-motivation | Sentry (Self-hosted)

LANGUAGES

Arabic — Native/Bilingual
English — Proficient

REFERENCES

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