

# Abdullah Almutairi

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## EXPERIENCE

Platform Senior Engineer, THIQAH Business Services, Saudi Arabia – Oct. 2022–Present

- Responsible for all automation platforms including but not limited to DR automation, infrastructure automation, products' DevOps CI/CD automation, products K8s clusters administration, maintenance, improvements, monitoring and automation.

DevOps Specialist, Zain SA, Saudi Arabia – 2022–Oct. 2022

- Automation platform that maintains the infrastructure; attach/dispatch nodes in clusters, auto configuration, install applications and upgrade dependencies among the infrastructure to match applications requirements.
- Planing and execute DR on multi geo-location with HA /Active-passive concepts.
- Manage the log management system, using Grafana to monitor the infrastructure and structure the logs that generated from different applications and servers for useful insights.
- Designing tools for managing the infrastructure and programming clean & re-useable simple codes.
- Developing codes for extensive test coverage, while performing setups for continuous deployment and continuous integration in technology development.
- Build tools to reduce occurrences of errors and improve customer experience.
- Perform root cause analysis for production errors.
- Setup and establish centralized systems and processes for C/CD, Automated QA, and Applications Platform monitoring.
- Be able to demonstrate clear expertise in agile automation and technical problem-solving ability speed.

DevOps Engineer, INTIGRAL, Saudi Arabia – 2019–2022

- Deployment through Jenkins, writing scripts for automation purposes (Python and shells).
- AWS services, CI modules integration with multiple platforms.
- Continuous monitoring and configuration of management tools.
- Evaluate the security and scalability of the platform and implement necessary changes.
- Understands the infrastructure of a client server environment.
- Preparing maintenance plans and upgrade schedules for the platform systems.
- Be able to demonstrate proactiveness in technology monitoring to detect issues before they become problems.

Tech-Ops Consultant, INTIGRAL, Saudi Arabia – 2018–2019

- Gather and analyze information about the user's issue and determines the best way to resolve their problem.
- Provide support for identified Level 3 issues where configuration solutions have already been documented.
- Monitor availability and correct functioning of application and services.
- Develop, maintain and update a library of technical documentation.

IT Support Volunteer, Thin Air community Radio, Spokane, WA – 2018

- Installation, set up and maintenance of computers station-wide for use in broadcasting, audio production, and on-line streaming.
- Implemented STB streaming channel for the radio station.

## EDUCATION

Eastern Washington University, WA – Master of Science in Computer Science, 2018

Eastern Washington University, WA – Post-baccalaureate in Computer Science, 2016

October 6 University, Cairo, Egypt – Bachelor of Science in Computer Science, 2011

## ACADEMIC PROJECTS

”Improve lexical approach for sentiment analysis”, Master’s degree research, Eastern Washington University, WA.

- Developed and evaluated sentiment analysis method to improve lexical approach for sentiment analysis by adapt TF-IDF technique to increase lexicon’s wordlist with important new words.
- Created two-phases method: combined two existing lexicons in detailed score scale, and adjusted TFIDF to feed the new lexicon with important words can improving accuracy.

Student Software Engineer, Eastern Washington University, WA.

- Adapted and assembled open-source tools for voice-command personal assistant.
- Implemented on Intent parser from Mycroft, adapted speech recognition and text-to-speech capabilities along with APIs to gather the information, coded Python.

Student Data Analyst, Eastern Washington University, WA.

- Examined existing data mining prediction techniques on team of 4; Examined the correlation between the salary and the performance of the players in MLB.
- Implemented using Rapidminer and MLB statistical dataset for experiments.

Student Software Developer, Eastern Washington University, WA.

- Developed a salted MD5 password cracker with team of 3; Developed and programmed parallel computing method for numeric passwords cracker.
- Programmed on Cuda by NVIDIA.

Student Software Designer, Eastern Washington University, WA.

- Working with DynamoDB (NoSQL database service) and Java, built an airline reservation system with team of 2.
- Implemented using AWS Toolkit for Eclipse.

## ACHIEVED CERTIFICATION & AWARDS

- AWS Certified Solutions Architect.
- Dean’s list - Winter 2015, Post-baccalaureate in Computer Science, Eastern Washington University, WA.
- Dean’s list - Summer 2015, Post-baccalaureate in Computer Science, Eastern Washington University, WA.

## SKILLS

Operating Systems: Linux, Mac OS X, MS Windows

Web development: AngularJS, jQuery, ASP.NET, Flask, PHP, Javascript.

Programming Languages: C, C++, C#, Java, Python, LATEX, Cuda, SQL

DevOps: Jenkins, Ansible, fastlane, Codemagic, Grafana, Loki, Nginx, Docker.

Spoken language: Arabic (Mother-tongue) , English (Fluent academic)