Abdulrahman Alhamali

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EDUCATION

- **American University of Beirut** — Beirut, Lebanon
  Bachelor of Computer and Communications Engineering; GPA: 89.06% — *Feb. 2012 – Jan. 2016*

DEVELOPMENT EXPERIENCE

- **Coveo** — Montréal, Québec
  DevOps Tooling Software Engineer — *Jan 2019 - Present*
  - **Spinnaker Migration**: Initiated and implemented a project to migrate development teams from a centralized Jenkins-based deployment pipeline to a per-team Spinnaker-based pipeline with minimum interruption. In executing the project, I had to contribute significant changes to Open Source Spinnaker to make it fit our needs.
  - **Automated Deployment Monitoring**: Initiated, researched and implemented a system to automatically monitor health metrics of micro-services while deploying, and rollback automatically if any degradation was noticed
  - **Config Migration Script**: Moved our deployment pipeline from version-based to evergreen by implementing a workflow that included standardized deprecation and automated migration procedures
  - **Miscellaneous**: Creating internal documentation, providing support for users, collecting requirements, supervising interns, and organizing a recurring "DevOps Meetup" conference

- **SAUGO360** — Beirut, Lebanon
  Software Engineer — *Jan 2016 - Jan 2019*
  - **SAUGO360 Golden Config Manager**: Worked on a web portal in Angular and NestJS for SAUGO360 GCM, a platform built on top of NSO (Network Services Orchestrator).
  - **SAUGO360 OpenDaylight Controller**: Worked on an Angular-based web portal for SAUGO360 ODL Controller, a collection of networking features built on top of OpenDaylight.
  - **Momday**: Worked on a Flutter-based Mobile app for the e-commerce platform Momday.
  - **Miscellaneous**: Supervised multiple internship programs, studied feasability and requirments of several projects, and worked on the CI/CD of the products.

- **OpenDayLight TSDR Project** — Remote Volunteering
  Testing Engineer — *Jun 2016 - May 2018*
  - **Automated Tests**: Developed and maintained automated tests for the TSDR Project using Robot Framework and Jenkins.
  - **TSDR RESTCONF Collector**: Developed a collector that collects RESTCONF requests received by ODL and persists them in the TSDR database.

- **Dar Al-Handasah** — Beirut, Lebanon
  Freelance Software Developer — *Summer 2015*
  - **Urban Street Design Tool (USDM)**: Used Java and GWT to design and implement a geometric algorithm that calculates intersections between circles, and implemented user-behavior tracking using Google Analytics.

OTHER EXPERIENCE

- **American University of Beirurt** — Beirut, Lebanon
  Research Assistant - Lab Assistant - Freelance Tutor — *Feb 2012 - Jan 2016*

- **ToastMasters Lebanon** — Beirut, Lebanon
  Convention Chair - Secretary - Club Vice President — *2013 - 2015*

PERSONAL PROJECTS

- **Flutter Typeahead**: Open source Flutter widget to show users suggestions as they type.
- **Flutter Pagewise**: Open source Flutter widget that loads its content one page at a time.

PROGRAMMING SKILLS

- **Languages and Frameworks**: JavaScript, TypeScript, PHP, Dart, Java, C++, Python, SQL, HCL, Angular, Flutter, Django, NodeJS

- **Tools**: AWS, Terraform, Kubernetes, Jenkins, Spinnaker, Prometheus

Lanugages

Arabic: Native	**English:** Fluent	**French:** Working Proficiency

The Human Behind

When I'm not working, I like to blog, read novels (last one I enjoyed was "The God of Small Things"), or study physics (currently attending a course on Special Relativity). What remains of my energy is spent on practicing Muay Thai or ice skating.