

ABDUL HFUDA

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EDUCATION

Bachelor of Science,

2007-2012

Major in Computer Science

University of Calgary

Major GPA: 3.92/4.0

TECHNICAL SKILLS

Languages

C#/.NET	Python	NodeJS + Javascript	HTML/CSS
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Tools

AWS	Azure	Ansible	Terraform
ASP.NET/ASP.NET Core	Visual Studio	Resharper	Sublime
MSSQL	Oracle	Postgres	JSON/XML
Angular	Bootstrap	Kendo	DevExpress
Dapper	Django/South	Entity Framework	NHibernate
TeamCity	Azure DevOps	Octopus Deploy	GIT/TFS/SVN
ServiceNOW	JIRA	TargetProcess	Confluence

Operating Systems

Windows	Linux	Mac OS X
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Servers

Nginx	IIS	Apache
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EXPERIENCE

Nureva Senior DevOps Engineer

Oct 2019 – Current

- Member of the DevOps Team within Nureva that facilitated common infrastructure and conventions/best practices for build/deployment/telemetry/testing for other Product Dev Teams.
- Implemented Telemetry Library and ISMS Audit functionality within SAAS Collaboration Software.
- Created Monitoring, Dashboards, Alerts to provide operational visibility into SAAS products.
- Terraform deployment of Microservices Architecture software suite into the Azure Cloud.
- Collaboration with various teams to dockerize their respective projects, and polish build/release pipeline definitions
- Enabled Integration Tests along with Unit Tests within the DevOps Build Pipeline using Terraform.s

Scalar a CDW Company DevOps Specialist

Feb 2019 – Oct 2019

- Joined the newly formed DevOps Team within a larger Managed Services department at Scalar.
- Contributed to onboarding existing and new clients to ScienceLogic, a new single monitoring solution (ScienceLogic) to replace a variety of Zabbix servers and proxies.
- Ansible Automation to streamline initial deployment and maintenance of monitoring hooks, agents, snmp settings, ssh settings etc.
- Created workflow automations for the NetOps Team to help them focus their time and effort on ways to Scale their networking managed services offering.
- ServiceNOW Integrations with various tools and systems including AWS Lambda micro-webservices

acting as backend endpoints for ServiceNOW's custom applications.

- PCI Compliant ISO 27001 Certified MSSN (Managed Services Secure Network) Production environment with rigorous Change Management and Request for Change process.
- Clients included the Toronto Stock Exchange, Universities, Hospitals, Banks, and Oil and Gas Companies.
- DevOps responsibilities include Ansible Automation, Infrastructure Provisioning, Scalability, backups, monitoring et al functionality within Scalar.
- Lead the design and development of in-house tools such as HR Audit reports for account enabling/disabling of former employees across various user silos that were not leveraging SSO.
- AWS Lambda functions to check on various things and integrate with Slack/Email to notify relevant teams.

Cenozon DevOps Software Engineer

Sep 2017 – Feb 2019

- Member of Development Team, part of daily scrum, sprint planning and execution in addition to DevOps specific tasks.
- DevOps responsibilities include build processes, deployment processes, and backup/restore processes for a portfolio of applications, maintaining and optimizing various aspects of IT Infrastructure.
- Iterative development of Pipeline Risk Management solution using C# ASP.NET MVC, Javascript React and KendoUI with a bespoke Oracle Schema.
- Implemented and Maintained Integration process of public AER Data, paid data sources such as ABADATA, IHS, GDM load process into cache schema, main schema, and geodatabase schema.
- Servers at Q9 for Database (Postgres, Oracle and SQL Server) and Application Environments.
- AWS services used include SES Emails, S3 Offsite Backups, Route53 for DNS, RDS for Databases.
- GIS Backend Administration for ArcGIS Enterprise Geodatabase, ArcGIS Server and ArcGIS Portal.
- Mobile Inspection Application for a collection of various equipment types (Pigs, Valves, Signs, Crossing etc) and collection of inspections on the equipment.
- Administered Windows Server, IIS, Active Directory, w/ Office365 Sync, Sharepoint, Slack, JIRA
- Monitored Infrastructure including CPU, Memory, HDD, Network etc usage using Zabbix
- Assisted in maintaining in-house time tracking and billing system customized for the business and clients needs.

EnergyIQ Senior Software Developer

Feb 2014 – Feb 2016

- Persisted Data into industry standard PPDM Schema using both Oracle and MSSQL.
- Designed an Enterprise Data Loader used by Major Oil and Gas Corporations, written in C# ASP.NET MVC, Using Redis as a Pub/Sub mechanism and Job Queue.
- Designed front end solutions to business problems using KendoUI Javascript front end and jQuery widgets to act as an interface for front end controls. The company eventually transitioned to Angular.
- Implemented configurable application pages that can be customized per client and deployment. Extensive use of reflection namespace in C# .NET Framework
- Debugged issues across solution stack including front end, backend, middleware, configuration files, and various database considerations.
- Maintained team infrastructure, continuous build configuration and team resources.
- Managed development projects using agile methodologies, including release/sprint planning, stand up meetings and retrospectives.

EnergyIQ Software Developer

Feb 2013 – Feb 2014

- Developed a unified well editor that brings together various pages and features throughout the system in a streamlined AJAX interface.
- Implemented OData Web Service for well and well location data manipulation.
- Optimized Result View Query implementation and execution to handle retrieval of large data sets.
- Contributed to software development processes including new and maintenance releases.
- Conducted a thorough review of existing software systems, evaluated scope for improvement, and accordingly updated the senior members of the team.
- Involved in the planning, designing, and implementation of OData ASP.NET WebAPI Web Service and well and well location data manipulation.

Symantec.cloud Intern Software Quality Assurance Engineer

May 2011 – April 2012

- Member of “Software as a Service” (SaaS) Quality Assurance team
- Tested newly developed software components, confirming compliance with company requirements and identifying issues through an in-house bug tracking tool
- Contributed to the design and implementation of the Automation Regression Test Suite
- Internationalized and assisted in Localizing application for EMEA release.

Alberta Health Services Information Analyst

May 2009 – Aug 2010

- Responsible for testing of a variety of outpatient systems, including EMIS, ACSCM, and Clinibase.
- Aided in the design and implementation of Regression Testing Suite for the ACSCM project
- Worked on integrating the Pharmacist Prescription (Netcare) system with EMIS medical system
- Ensure stability and reliability across various medical systems, ensuring failures are minimized and contained effectively

ADDITIONAL SKILLS

- Team Work, Communication, Goal-Oriented, Agile Methodology
- Solution Planning, Software Structure Designing, Project Management
- Client Requirements Gathering and Definition, Software Development Lifecycle
- Project Scheduling, Product Development, Testing, and Implementation
- Training Manual Preparation, End-user Training, Post-deployment Support
- Software Testing, Code Debugging, Error Detection, and Mitigation
- IT Systems Monitoring, Technology Integration, Process Enhancement
- Cross-functional Coordination, Collaborative Working, Client Relations
- Leadership, Analytical Thinking, Problem Solving, Decision Making
- Language: fluent in English written and verbal, Arabic verbal.

RELEVANT PROJECTS

EnergyIQ Data Loader

- Loader takes in data in the form of spreadsheets and populates a normalized relational database.
- Rewritten implementation as a web service rather than windows service.
- Created User Interface to configure and run the Loader rather than just logs and config files.
- Enhanced implementation with new functionality including geodetic-projected coordinate conversions, unit of measure conversions, stored procedure calls
- Deployed to Enterprise Environments including Devon, Anadarko, Apache, Hess
- Wrote a solution in MVC5 and Kendo, working against both MSSQL and Oracle