

# 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

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## TECHNICAL SKILLS

### Languages

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

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

### Operating Systems

Windows	Linux	Mac OS X
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### Servers

Nginx	IIS	Apache
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## EXPERIENCE

**TC Energy Senior Application Developer**

**Mar 2020 – Current**

- Member of the Rapid Improvement Team within TC Energy that increases efficiencies for other teams by implementing automation workflows across various technologies and domains.
- Implemented in-house Network Services Toolbox to provide a single user interface for a spectrum of automation workflows.
- Developed Ansible Playbooks including Cisco Configuration, Firmware Upgrades, InfoBlox and Orion.
- Created custom Ansible Modules when no out-of-the-box Module was available such as Cisco ACS.
- Collaboration with multidisciplinary team to create useful automations with a focus on robust, maintainable, and scalable solutions going forward.

**Nureva Senior DevOps Engineer**

**Oct 2019 – Mar 2020**

- 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.

**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

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## **ADDITIONAL SKILLS**

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- 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.