# AHMED MUDATHIR

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## Summary

Software Engineer with thorough hands-on experience in all levels of testing, including performance, functional, system , regression and user acceptance testing.

Supportive and enthusiastic team player dedicated to streamlining processes and efficiently resolving project issues.

Professional Software Programmer with extensive technical knowledge in network administration and programming. Proficient in installation, configuration and troubleshooting.

## Skills

- Software Development Lifecycle
- Agile /Scrum methodology
- Project documentation
- Scripting
- Databases
- Report generation
- Web service
- Web applications
- Desktop Applications
- Fluent in ASP.NET
- C#
- Visual Basic .NET
- Visual basic 6
- PHP
- Java
- HTML
- CSS
- AJAX
- XML
- Crystal Reports
- SQL Server
- Oracle
- MySQL

## Experience

**Software  Engineer**                                    May 2017 to Apr 2018

**University of Medical Sciences and Technology (UMST) - Al Riyadh, Khartoum**

- Developed web application using [ASP.NET, Ajax, C#, HTML, CSS, Crystal Reports, SQL Server].
- Collaborated with stakeholders to address technical issues and develop effective resolutions.
- Analyzing requirements and designing new functionality.
- Creates multi functions system modules serving various business functions.
- Designing and building application layers.
- Help maintain code quality, organization, and automation.
- Document development and operational procedures.
- Supporting and fixing existing functionality
- Create, analyze, and validate detailed functional/non-functional requirements, facilitate system design sessions with the testing teams.

**Computer  Programmer**                                    Jun 2014 to Oct 2015
**Dar Consult Civil Engineering - Al Amarat St 21, Khartoum**
- Handled special projects designated by the senior developer.
- Developed desktop applications using [Visual Basic .NET, Visual basic 6, Crystal Reports, SQL Server].
- Served as sole database administrator for SQL Server running on various operating systems.
- Discover and solve old applications issues.
- Modify and update old application after analyzing it.
- Creates multi functions system modules serving various business functions.
- Document projects and update it regularly.
- Evaluated project plans and recommended adjustments based on complete review of objectives and related documents.
- Train and guide users on how to use applications .
- Worked closely with clients for the duration of projects.
- Monitor the performance of the application after launching and perform enhancements regularly.
- Follow up with trending technology and apply it on existing applications.
- Cooperate with database and network admins.

**Computer Technician**                                    Jan 2013 to Jan 2014
**Minister of Transport and Infrastructure - Al-Gamaa Ave, Khartoum**
- Helped users un derstand software and hardware functions, according to predefined instructions.
- Provid ed troubleshooting assistance and support to employees and clients when working at the help desk.
- Perform routine maintenance on assigned computers and LANs.
- Manage and troubleshoot problems and errors, as and when they occur, ensuring that downtime is minimized.
- Provid ed technical support to both in-house staff and user departments for all network applications.
- Install and configure computer workstations, and ensure that they are in good working order.
- Handled software installations, and handled PC imaging and configuration .

# Education

**Bachelor of Science, Computer Science**                                    2012
Jordanian Sudanese College for Science and Technology - Al Lamab, Khartoum, Sudan

# Courses

**Oracle Developer**                                    2016
Sudacad Academy - Al Khurtum, Sudan

**Java**                                    2016
Stately Institute - Al Khurtum, Sudan

# Projects

### Software Project Management Tool     2018

*University of Medical Sciences and Technology (UMST)*

Software helps project managers and teams complete client requirements and manage time, and scope constraints.

Modules : Project Planning, Project Status Reporting, Developers Portfolio Management, Developers Task Management.

Role: Create and modify modules

Type: Web Application

Front end: HTML, CSS, Ajax

Back end: ASP.NET, C#, SQL

Development Tools: Visual Studio, Crystal Reports, SQL Server

Developed as: Full Stack Team size : 3

### Student Attendance Management     2017

*University of Medical Sciences and Technology (UMST)*

Software helps University manage scheduling, attendance, classrooms.

Modules: Scheduling Classes, Attendance Tracking, Student Warning, Depriving The Student of The Exam,Create Group and Sub Group.

Role: Create and modify modules

Type: Web Application

Front end: HTML, CSS, Ajax

Back end: ASP.NET, C#, SQL

Development Tools: Visual Studio, Crystal Reports, SQL Server

Developed as: Full Stack Team size : 3

### Student Result Management     2017

*University of Medical Sciences and Technology (UMST)*

Software is to provide the examination result to the student in a simple way.

Module : Student Marks.

Role: Create module

Type: Web Application

Front end: HTML, CSS, Ajax

Back end: ASP.NET, C#, SQL

Development Tools: Visual Studio, Crystal Reports, SQL Server

Developed as: Full Stack Team size : 3

### Payment Plan Application For Students     2017

*University of Medical Sciences and Technology (UMST)*

Software for paying tuition, fees, and other university charges over the course of the term, between university and Faisal Islamic Bank of Sudan.

Module : Check student payment

Role: Create module

Type: Web Service
Front end: XML

Back end: ASP.NET, C#, SQL
Development Tools: Visual Studio, SQL Server

Developed as: Back End

Team size : 3

**Grocery Systems**                                                            2015

*Dar Consult Civil Engineering*

Software allow to manage pricing, to inventory management,

To analyzing sales and vendor performance and and reduce losses due to expired and dump stocks, to managing offers and campaign, all data and information are delivered instantaneously across the whole organization giving a real-time overview of business.

Modules: Cash Register Control, Debt Control, Stock Management, Accounting, Customer Management.

Role: Create modules

Type: Desktop Application

Language: Visual Basic, SQL

Development Tools: Visual Studio, Crystal Reports, SQL Server

Team size : 1

**Employee Self Service HR System**                                            2014

*Dar Consult Civil Engineering*

Software is all about empowering staff to take care of HR admin tasks themselves,

This means accessing important HR documentation, booking annual leave, logging sick days.

Modules : Apply and Approve Requests, View Duty Requests,Holidays , Absence, Sickness.

Role: Create and modify modules and system administrator

Type: Desktop Application
Language: Visual Basic, SQL
Development Tools: Visual Basic 6.0, Crystal Reports, SQL Server
Team size : 1

**Project Cost System , Measurement System, Supervision Group**                2014
**, Project Management Systems – Supervisory Management**

*Dar Consult Civil Engineering*

Role: Convert the database type program from MS Access to MS SQL Server and Database consolidation and Convert Crystal report version from v4.0 to v9.0

Type: Desktop Application
Language: Visual Basic, SQL
Development Tools: Visual Basic 6.0, Crystal Reports, SQL Server
Team size : 1

**Tourism Management System**                                                  2012

*Jordanian Sudanese College for Science & Technology*

Educate, inspire, and empower their readers with frequent updates and high-quality information to Increase Direct Bookings & Foster Customer Loyalty.

Modules:Tour Booking, Booking Management.

Role: Create modules

Type: Web Application
Front end: HTML, JavaScript

Back end: PHP, MySQL
Development Tools: Microsoft FrontPage, phpMyAdmin

Developed as: Full Stack
Team size : 2