

Ammar S. H. Nasif

Tulkarm, Palestine

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Personal Details

Date of Birth: 19/02/1980
Nationality: Palestinian

Languages: Excellent: English, Arabic
Health: Excellent, non-smoker

Professional Profile

An enthusiastic and professional System Developer enjoys being part of, as well as leading, a successful and productive team. Quick to grasp new ideas and concepts, and to develop innovative and creative solutions to problems. Able to work well on his own initiative and can demonstrate the high levels of motivation required to meet the tightest of deadlines. Even under significant pressure, possesses a strong ability to perform effectively.

Objective

Now looking to build on my extensive range of technical skills within a suitably challenging role. Keen to achieve further professional development.

Educational Background

- **Master degree**
Arab Academe banking & financial University, Amman, Jordan (2004-2006)
I have completed a master degree in the major of **computer information system**.
- **Bachelor Degree**
Alquds Open University, Tulkarm, Palestine (1998-2003)
I have completed a Bachelor degree in the major of **computer information system**.

Key Technical Skills

Microsoft PowerPoint	Microsoft VB.Net	J2EE
Microsoft Excel	Microsoft C#.NET	Networking
Microsoft Word	ASP.Net	JSP
Microsoft FrontPage	Oracle 9i Developer	XML
Adobe Acrobat	JAVA	AJAX
Json	J2SE	Database

JQuery, ExtJS, Xml, Html, Css, Bootstrap, ADO, PCB, RF, Wireless, Sensors, OOP, Lora, Ruby Production Management , Coding, Python, SQL , SharePoint , sqlite , mysql , php , raspberry pi , Matlab , AutoCAD , 3D Max , Sony Vegas , Flash , Swich Max , sound Forge , CuteFTP , After Effects, Internet of Things , Arduino microcontroller , Raspberry Pi.

Work Experience

2017-2018 Internet of Things Projects developer , Idex Company, Tulkarm, Palestine

- Developing servers , access point , stations, clients nodes using NodeMcu Esp8266 , coding for https requests through low power wifi module, http get and post script , AJAX with http response , building android applications for transmitting data between Esp8266 and mobiles.

2017-2018 Arduino Projects developer, Idex Company, Tulkarm, Palestine

- Developing Android Applications with IoT sensors , RF Modules like HC-12 , Bluetooth Module HC-05 Master And Slave and pairing them with Mobiles, collecting data with arduino Controller and store it in a cloud .

2016-2017 Micro-controller and sensor applications Developer, Idex Company, Tulkarm, Palestine

- Micro-controller and sensor applications Developer specially in wireless technology development including PCB Product development , using wireless sensor networks (WSN) and Internet of things (IoT)

2014-2016 Native android applications developer, Idex Company, Tulkarm, Palestine

- Native Android applications developer, in a broad range of industries, including sports entertainment, restaurant management, and mobile gaming. Solid understanding of full mobile and software development life cycles, UIX, web analytics, changing web standards, and Agile methodologies. Dedicated to continuously developing, implementing, and adopting new technologies to maximize development efficiency and produce innovative applications.

Highlights

- Created 5+ fully functional applications for Android devices
- Known for writing efficient, maintainable and reusable code
- Proficient in design, data structures, problem-solving, and debugging
- Expert in the interaction between various devices and versions of Android
- Ensure applications are properly integrated with Android APIs
- Create SQL database structures that integrate with Android applications and web interfaces
- Participate in fast-paced development cycles; have completed 100% of deadlines ahead of schedule

2013-2014 Software development consultant, Idex Company, Tulkarm, Palestine

- .NET software development, requirements specifications, architecture, design component model and user interface specifications. Programming: C#, ASP.NET, VBA, MVC/Web forms, Entity framework/Linq to sql, Javascript, Json, jQuery, ExtJS, Xml, Html, Css, Bootstrap, ADO
Software life cycle methodology: Waterfall, Agile (Scrum).
Abstract: Design and OO Patterns, Ajax
Frameworks & OR Mapping Tools: Crystal Reports, Ext.NET.

2012-2013 IT courses Trainer, American Institute for IT, Tulkarm, Palestine

- Working as IT trainer for many courses like : Agile with Scrum ,Big Data ,Business Intelligence, Cloud Computing, Cyber Security, Java, Perl and Python Programming, Linux and UNIX, Microsoft Office, Mobile App Development, .NET/Visual Studio , Networking and Virtualization .

2012-2013 Information Technology Department Headquarter, Idex Company, Tulkarm, Palestine

- Working as IT team leader using many methodologies like RAD, Agile, and SDLC in Developing systems up to date with latest technology.

2011-2012 Mobile app Developer, Idex Company, Tulkarm, Palestine

- Working as Mobile Developer using windows phone SDK and android SDK , including Webservice programming for many projects.

2010-2011 Database Developer, Idex Company, Tulkarm, Palestine

- Working as Database Developer using SQL Server and MySQL , including System Analysis and Design Phases and using MVC Technique.

2008-2010 .NET Programmer, Cultural canter, Tulkarm, Palestine

- Working as senior .Net programmer & developer in many projects including websites, windows applications and mobile application development.

2007-2018 Teacher, Palestinian Technical University, Tulkarm, Palestine

- Working within Palestinian Technical University as a teacher for many of computer materials like visual basic /C++/ E-Business /Computer skills/ Data Structure/ Database and others.

2006-2008 Teacher, Al-Quds Open University, Tulkarm, Palestine

- Working within Alquds open university as a teacher for many of computer materials like Data Structure/ DataBase /Operating Systems/ visual basic/ java /c++/ E-Business Networking / Artificial Intelligence / System Analysis & Design / Software Engineer

2003-2004 Trainer, Khadoury collage, Tulkarm, Palestine

- Training a team in the use of Network ,Assessing initial set-up requirements and implementing hardware and software solutions accordingly
- Training a team in Visual Basic Programming, building small projects for the markets.

Selected Portfolio

10 Years in the creative software industries providing tangible design works and digital products for international companies spanning a variety of businesses sectors.

I have developed many websites and windows, mobile applications like :

Websites:

- www.sooqmedia.com
- www.go2palestine.com
- www.4quds.com
- www.ilannews.ps
- www.idextech.net

Mobile app:

- Palestine Daleel
- Remember
- Mazadat

Qualifications & Courses

- ***Developing Applications for Android Devices***

American Institute for information technology, Tulkarm, Palestine (2013)

Key Modules: Programming

Creating User Interfaces, Processing User Input, Persisting Application Data, Maintaining System Responsiveness, Exchanging Data over the Internet, Enhancing the User Experience.

- ***.NET Programming***

American Institute for information technology, Tulkarm, Palestine (2013)

Key Modules: Programming

Building applications with Visual Studio, VB and C# Language Syntax, Crafting Windows Applications, Designing Object-Oriented Applications, Programming Web Applications with ASP.NET, Incorporating Relational Databases.

- **Project Management**

American Institute for information technology, Tulkarm, Palestine (2013)

Key Modules: Projects & Management

Create new projects, calendars, custom fields, user-controlled schedules and task structures, build a logical schedule model, manage multiple projects, assign and manage resources, set and maintain baselines, compare progress against a baseline.

- **SQL Server Administration**

CCenter for information technology, Tulkarm, Palestine (2012)

Key Modules: Database

Instance Configuration & Database Creation, Managing Databases & Automating Tasks, Security Management, Managing Indexes, Full-Text Search & Partitions, Backing Up & Restoring Databases, Database Monitoring & Performance Tuning.

- **SharePoint**

Arabic Center for information technology, Tulkarm, Palestine (2012)

Key Modules: Networking

Design a SharePoint farm topology, define a SharePoint operations strategy and business continuity, plan SharePoint deployment, install, configure and manage a SharePoint environment, deploy and manage applications.

- **CCNA**

Arabic Center for information technology, Tulkarm, Palestine (2011)

Key Modules: Networking

Configuring, verifying and troubleshooting a switch with VLANs and inters witch communications, implementing an IP addressing scheme and IP services to meet network requirements, configuring, verifying and troubleshooting basic router operation and routing on Cisco devices, explaining and selecting the appropriate administrative tasks required for a WLAN, identifying security threats to a network and describing methods to mitigate those threats .

- **Linux+**

Cultural Center for information technology, Tulkarm, Palestine (2011)

Key Modules: Operating System

Explain fundamental management of Linux systems from the command line, demonstrate knowledge of user administration, understand file permissions and software configurations, and manage Linux-based clients, server systems and security.

- **Security+**

Cultural Center for information technology, Tulkarm, Palestine (2010)

Key Modules: Network Security

control fundamentals and security threats, network protocols, attacks, and defences, creating secure networks and performing security assessments, remote access and wireless security, authentication, biometrics, and security controls, securing applications, virtualized environments, and cloud computing, business continuity, disaster recovery, security training, and forensics, cryptography and public key infrastructures.

- **Network+**

American Institute for information technology, Tulkarm, Palestine (2009)

Key Modules: Networking

Preparation and maintenance of a local network and setup various network software's and control their users privileges and mange Internet connectivity and wireless networks.

- **Rational rose 2003**

Arab Academe for banking & financial University, Amman, Jordan (2005)

Key Modules: Unified Model Language

Following attainment of my Leaving Certificate, embarked on a Unified Model Language in Rational rose program to formalise both my systems analysis & design skills and my creative experience in software engineer.

- **Oracle 9i developer**

Ansab Academe, Amman, Jordan (2005)

Key Modules: Database, SQL, PL-SQL, Forms, Reports

Following attainment of my Leaving Certificate, embarked on DataBase normalization in Rational rose program to formalise both my systems analysis & design skills and my creative experience in software engineer.

Research papers

- *I have developed a new way to compress data using hamming code*
- *I have modified a deadlock solution in operating systems which is better than banker algorithm*

Developed & supervised Projects

▪ 2017 -2018

- ***E-Commerce Website "sooqmedia.com"***

THE DESIGN AND IMPLEMENTATION OF AN E-COMMERCE SITE , This project deals with developing an e-commerce website for Products Sale. It provides the user with a catalog of different Products available for purchase in the store. In order to facilitate online purchase a shopping cart is provided to the user. The system is implemented using a 3-tier approach, with a backend database, a middle tier of Microsoft Internet Information Services (IIS) and ASP.NET, and a web browser as the front end client. In order to develop an e-commerce website, a number of Technologies must be studied and understood. These include multi-tiered architecture, server and client side scripting techniques, implementation technologies such as ASP.NET, programming language (such as C#, VB.NET), relational databases (such as SQL, Access). This is a project with the objective to develop a basic website where a consumer is provided with a shopping cart application and also to know about the technologies used to develop such an application.

- ***Internet of Things Mesh Network Project***

Network "nodes" establish network links with surrounding nodes, enabling traffic to hop between nodes on numerous paths through the network , self-organizing and scalable by simply adding more nodes. And, significantly, shutting a mesh network down involves shutting down each individual node, to enable connected things -- such as lights that contain embedded sensor technologies -- to communicate without relying on PCs or dedicated hub services, i used esp8266 wifi module in this project.

- ***Internet of Things Access Point /Station and a web server chat Project***

wirelessly Wi-Fi access points (AP) act as a hub for one or more stations (like phone, or PC) and it is called soft AP , ESP8266 module can operate as a soft access point (Soft AP) and support up to many Wi-Fi client devices, or stations, connected to it, it is also able to operate both in station and soft access point mode at the same time so i used it to build a device offer a chat web server so any one in somewhere can chat with each other freely.

▪ 2016

- ***Blind Stick***

Blind stick is an innovative stick designed for visually disabled people for improved navigation. here i propose an advanced blind stick that allows visually challenged people to navigate with ease using advanced technology. The blind stick is integrated with ultrasonic sensor along with light and water sensing. the proposed project first uses ultrasonic sensors to detect obstacles ahead using ultrasonic waves. On sensing obstacles the sensor passes this data to the microcontroller. The microcontroller then processes this data and calculates if the obstacle is close enough. If the obstacle is not that close the circuit does nothing. If the obstacle is close the microcontroller sends a signal to sound a buzzer. It also detects and sounds a different buzzer if it detects water and alerts the blind. One more feature is that it allows the blind to detect if there is light or darkness in the room. The system has one more advanced feature integrated to help the blind find their stick if they forget where they kept it. A wireless RF based remote is used for this purpose. Pressing the remote button sounds a buzzer on the stick which helps the blind person to find their stick. Thus this system allows for obstacle detection as well as finding stick if misplaced by visually disabled people.

- ***www.tannoreen.ps***

a website for Tannoreen restaurant in Tulkarm city where Customers can be pre-booked and they can pay using a credit card as well as the site offers a range of meals revised periodically .

- ***www.alnahdaPh.ps***

a website for AL-Nahda Printing house where The customer can choose one of the ready-made designs or selects what he wants and pays electronically.

- **Optical laser mouse**
Using a combination of camera and laser gun instead of the traditional mouse to control and manipulate Icons ,files and folders in windows OS.
- **2015**
- **An electronic nose**
An electronic nose basically consists of an array of gas sensors and some electronics to perform sensor excitation, signal conditioning , different sensor arrays for one of the more popular gas sensor types, the tin dioxide (SnO₂) or Taguchi type , using nano arduino controller.
 - **POS Application**
Windows application which include "Point Of Sale" program and other Extensions like Stats and inventories reports .
- **2014**
- **Evaluation website**
A website for Evaluation of different topics by asking a series of questions with specific answers are Collected, analysed and displayed graphically.
 - **Educational Mobile App**
Android application for Kids Aims is to teach children the Arabic letters and how to build useful sentences.
 - **Journals website**
A website for publishing papers and projects proposed by university students, been evaluated In addition, approved by university Doctors and professors.
 - **Al-Amal Car Rental Website**
Al-amal website offers renting cars service includes many options .
 - **Nehad Automotive spare sale Website**
The website features a range of pieces of new and used cars for sale and which can be requested by customers and also provides a delivery service.
- **2013**
- **www.4quds.com**
A website for AL – Aqsa mosque show news, information and Virtues about it.
 - **www.idextech.net**
a website for idex company show the services introduced and the team capability.
 - **Safety Family**
vb.net based programming language which is a key logger application for reading user inputs and then send them to someone as by sms service or email, so fathers could supervise what their sons do on internet.
 - **www.go2palestine.com**
e-commerce website which includes many of e services like mobile application showing the transaction of every deal process and many other services.
 - **E-Government website**
A website for Palestinian Government introducing a lot of government services including Birth certificates and identities and passport transactions .
 - **www.qoumersal.ps**
a website for QOU university introducing communications services like sms and email ,so help students and teachers to communicate each others in many ways for academic issues .

- **Association for Student Affairs charity care website**
asp.net based programming language , c#.net code behind which Provide scholarships for needy students provided by donors.
- **www.4r4b.com**
Meet friends and loved ones of all the Arab countries under the umbrella of the Arab Gathering site, meet friends from your country and meet new friends from across the Arab world.
- **Zakat Hospital web application**
Range of services provided to employees like scheduling and arrange appointments with patients , and sending notifications for each employee informing them if there is emergency calls.
- **www. ZetaPharmacy.com**
Interested in the announcement of the pharmacy and the services provided by, as well as advertisements for new drugs and recently dialled.
- **Where2buy**
Commercial guide windows phone application Displays a range of products for certain commercial shops distributed and sorted into a database where it is queried with ease by customers.
- **Palestine National Security website**
Offers definition of a Palestine National Security military department and the services it provides.
- **Assembly Tutorial App**
Integration between macromedia flash , vb.net and windows phone to produce a tutorial for assembly programming language
- **Land Registry Department website**
Facilitate land registration process and provide research and licensing services and other.
- **Encryption Program**
Vb.net based program for encryption files and folders or freezing partition , and so including antivirus.
- **Zeta Municipality**
Facilitate access to and the issuance of building permits and follow-up of water and electricity licenses and pay bills electronically.

▪ 2012

- **Properties website**
Facilitate access to and the issuance of building permits and follow-up of water and electricity licenses and pay bills electronically.
- **Faten.ps**
Foundation provides a range of different kinds of loans, including residential, commercial and other.
- **ilanneeds.ps**
Agency Ilan news site, which includes several items, including sports, politics, art, writing and public opinion and breaking news and other.

References

- **Dr.Omar Hamdan** - University Lecturer
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- **Ms . Najla Odeh** - General Manager
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