



# Hasan Khaled Al-Bzoor

IT Expert & Full-Stack Developer

[www.nowaty.com](http://www.nowaty.com)

📍 Jordan, Irbid - Ramtha

📅 Birthdate: May 5, 1980

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## WORK EXPERIENCE

### Nowaty & JUST

Nowaty IT, Jordan University of Science and Technology.

Irbid, Jordan

Sep 2019 – Now

### Linux Administration, Lecturer & Trainer

- Trainer in Linux server management & Tuning.
- Linux server admin at JUST E-Learning Center.
- Performing high availability of E-Learning platform using cluster nodes, NFS & Rsync.
- Performing Linux media server of E-Meetings.
- Configuring RAID, Linux / Win OS installation and virtualization for master students.
- Developing QR attendance for employees.
- Applying my project "iMeet" for e-learning, video conferencing & virtual programming lab.
- Lecturer for several courses at IT College.

### University of Hail

Hail Virtual Training Academy

Hail, Saudi Arabia

Sep 2016 – Sep 2019

### IT Manager

- Linux servers' installation, administration, maintenance & performance tuning.
- Doing the policy, procedures and roadmaps.
- Providing solutions and strategic planning.
- Preparing reports and documentation.

### University of Hail

Cyber Security Center

Hail, Saudi Arabia

Sep 2014 – Sep 2019

### Cyber Security Team Lead

- Scanning vulnerabilities of web apps.
- Performing security configurations on servers.
- Running comprehensive penetration tests.
- Conducting training sessions.
- Managing web application firewall (WAF).
- Providing code review and security reports.

### University of Hail

University Vice Rector for Academic Development and Community Service

Hail, Saudi Arabia

Sep 2013 – Sep 2019

### IT Consultant and Software Architect

- Consultant for the university e-services.
- Implementing and designing several initiatives and portals.
- Preparing the statistical reports.
- IT director and developer of several platforms at deanship of quality and development.

### University of Hail

Deanship of Information and Technology

Hail, Saudi Arabia

Sep 2009 – Sep 2019

### Lecturer and Full-Stack Developer

- Linux and windows servers' administration.
- Innovator and full-stack developer.
- Technical writing and documentations.
- Installing, testing, and integrating systems.
- Teaching several courses in IT & Math.

### KSU

King Saud University Science College

Riyadh, Saudi Arabia

Sep 2007 – Sep 2009

### Lecturer

- Teaching visual programming language.
- Teaching mathematics and statistics.
- Course management, assessment and reviewing textbook and curricula.

## BIO

I am an IT expert, full-stack developer, lecturer & trainer in IT/Math/Stats for 15 years, experienced in Linux/Windows OS and servers, cybersecurity, Moodle Lib and DB structure, DevOps, virtualization, and cross platforms developer. I obtained my BSc and MSc degrees from JUST in 2002 & 2006. As for my work experience, I played significant roles in several teams and committees, such as: University's initiatives for 2030 vision, quality and development, scientific research, human resources, and e-learning. Furthermore, I used to be a consultant for several IT companies in Saudi Arabia. Therefore, I do believe that I possess the right attributes and qualities which qualify me to be such a priceless asset you could have.

## SKILLS

### Communications



### Linux Cluster



### Project Management



### Linux & Win Servers



### Problem Solving



### Moodle



### IT Business



### Virtualization



### Strategic Planning



### ReactJS & MVC & EF



### Documentation



### ASP.Net Win & Web



### Statistical Analysis



### Mobile Apps (React)



### Critical Thinking



### UX & UI design



### Decision Maker



### Server Management



### Systems Analyst



### PHP + MYSQL + MSSQL



## RECENT PROJECTS

### QR Attendance



### Nowaty iMeet



### DMS



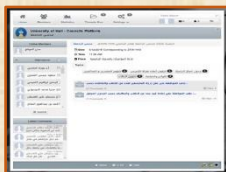
### E-Research



### Training



### E-Councils



### Academic Portal



### Virtual Training



### Statistics Center



### Community MSGs



## AWARDS

**APR 2019** Deanship of Scientific Research  
Certificate of appreciations

**FEB 2018** Vice Rector of Development  
Certificate of appreciations

**JUN 2017** Deanship of IT  
Certificate of appreciations

**MAY 2012** Datamatix - Dubai  
Best electronic initiative prize

**MAY 2011** Deanship of Preparatory Year  
Distinguished instructor

## LANGUAGES

Arabic (Native) English (Fluent)

## EDUCATION

### Master's degree

Applied Mathematics  
Jordan, Sep 2005 – Feb 2007

### Bachelor's degree

Applied Mathematics  
Jordan, Sep 1998 – Feb 2002

● **Jordan University of Science and Technology**  
Thesis: *Modified algorithm for solving linear partial differential equations using Taylor polynomial.*

● **Jordan University of Science and Technology**  
Project: *Software for solving differential equations using extrapolation algorithm.*

## PUBLICATIONS

1

H. Al-Bzoor, M. Al-Towaiq, "Taylor Expansion Method for the Solution of Second Order Linear PDE's", Applied Numerical Modeling Journal. (2007)

2

H. Al-Bzoor, M. Al-Towaiq, "An efficient algorithm for the solution of second order PDE's using Taylor expansion polynomials". Journal of Discrete Mathematical Sciences and Cryptography, Volume 14, Issue 1, 9-31 (2011). MSC2000: \*65N99 35-99

3

A. Tabieh, H. Al-Bzoor, "The effect of designed instruction according to the mathematical skills using Blackboard in the developing performance and cognitive achievement in mathematics among preparatory students at Hail University". Education Journal - Al-Azhar University (2016), 169(3), 449-470.

4

M. Othman, H. Al-Bzoor, "Quantitative variables which improve the results of the Preparatory Year students by developing a computer software designed to measure and improve students' abilities based on education technology and self-evaluation". Arab Journal of Quality and Excellence. Volume 4, Issue 1, (2017).

5

B. Lahcene, H. Al-Bzoor, "Follow the Best Practices for Input of College OF Engineering in Mathematics and English Through the Preparatory Year Deanship for Improving Academic Level of Students in University of Hail". Journal of Studies in Education Sciences, University of Algiers. Volume 1, Issue 2, (2017). ISSN: 2543-3741.

## LINUX SKILLS

1

Installation, Configuration, Administration and Upgrade of Ubuntu Linux Operating systems.

2

Worked on Shell scripts to run, kill, Monitor, backup, rollback and archive all files for Server.

3

Installed, monitored and managed several virtual hosts on VMware ESXi using the software vSphere client.

4

Wrote Shell scripts for monitoring the systems and applications, backup databases and file systems, and run Cron job.

5

Configuring distributed file systems and administering NFS server and NFS clients and editing auto-mounting mapping as per system/user requirements.


6


High availability and performance in Ubuntu Linux server (Cluster nodes using GlusterFS, load balancing with NFS shared storage and single node "Active-Passive" with Rsync and database replication).


7


Strong technical background in Storage, Disk Management, Logical Volume Management (LVM) and logical partitioning.

## REFERENCES

Google - USA  
 **Dr. Abdullah Abuolaim** (+16473033745)  
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Hail University, Vice Rector  
 **Dr. Abdulaziz Al-Amro** (+966504875793)  
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Hail University, Dean of IT  
 **Dr. Khaled Al-Utaibi** (+966504870875)  
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JUST, Dean of IT  
 **Dr. Ismael Hmeidi** (+962795560445)  
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