

BURHAN SHER

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Utilization of my skills and expertise for development and progress of the employer.
Contribute to the achievement of Employer's objectives in best possible way. Advancement of my carrier and personality from learning opportunities.

EXPERIENCE

08th January 2024 – Continue

System Engineer, Islamabad International Airport (Continental Engineering Services)

Key Qualification & Responsibilities

- Monitoring IASS (Integrated Aircraft Stand System) thorough SCADA software.
- Looking the field Equipment of Airside such as GPU (Ground Power Unit), PCA (Pre-Condition Air), PBB (Passenger Boarding Bridge) and AVDGS (Advanced Visual Docking Guidance System).
- Configuration the HMI of the field equipment.
- Also Monitoring GOS (Gate Operation System) for aircraft docking and parking at apron side. And check daily based recording of aircraft.
- Working on troubleshooting check connectivity of equipment and sensors with Cisco Switch and if communication failed are goes down.
- Submitting monthly inspection and rectification reports according to OEM checklists.

Key Achievements

- Weekly backup of SCADA software.
- Monthly backup of five server, two IASS servers, two GOS servers and one Client server.
- Make Clone of this five Servers.
- Hands-on experience and troubleshooting proficiency with Schneider Electric PLC modules, including their integration with electrical and automation devices, and their networking.
- Performing both corrective and preventive maintenance to guarantee the smooth operation of Aircraft Stand Equipment (ASE).
- Conducting diagnosis, root cause analysis, and timely rectification of critical faults during ASE operation to prevent breakdowns or delays in aircraft activities.
- PLCs to PC/Laptop Connection through Unity Pro S software to upload and download the project of PLCs.

18th September 2020 – 30th September 2023

Server Management, Aidco (Private) Limited

Key Qualification & Responsibilities

- Designing and creating databases to store and organize information efficiently.
- Setting up the hardware and software components of servers, ensuring they are properly configured.
- Keeping an eye on how the servers are working, finding and solving problems, and making sure they run smoothly.
- Writing and optimizing SQL queries for retrieving and manipulating data.
- Creating and managing backup plans to protect against data loss.

Key Achievements

- Protected the company's Database from bad things and kept it safe.
- Making sure servers work well most of the time, so people can use them without problems.
- Successfully improving database performance, resulting in faster and more efficient data retrieval.

1st December 2020 – 25th March 2022

Security Analyst, Axolotl Tech and Security, ISLAMABAD

Key Qualification & Responsibilities

- Monitoring Security access.
- Conducting security assessments through vulnerability testing and risk analysis
- Analyzing security breaches to identify the root cause

Key Achievements

- Improved protection against online threats, keeping company information safe.
- Responded quickly to security problems, minimizing their impact for a safer environment.
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January 2022 – August 2023

Teacher Assistant, Air University, Islamabad

Key Qualification & Responsibilities

- Assist the teacher and help organize the classroom and lab.
- Mark student's papers, assignments and quizzes and then upload on university portal online.
- Assist with record-keeping, grading, and classroom organization.

Key Achievements

- Keep learning and getting better at helping.
- Understand and help all different kinds of subjects (Network Security etc).
- Keep in touch with other faculty members in the department as well as in university.

EDUCATION

(2021-2023)

MASTER OF SCIENCE IN CYBER SECURITY, AIR UNIVERSITY, ISLAMABAD

GRADE: 3.42 CGPA

MAJORS:

- Information Assurance
- Vulnerability Assessment & Reverse Engineering
- Computer Networks
- Network Security

(2016-2020)

BACHELORS OF SCIENCE IN COMPUTER SCIENCE, UNIVERSITY OF PESHAWAR

GRADE: 2.80 CGPA

MAJORS:

- Programming fundamental
- Web development
- Database SQL
- Networking

(2014-2016)

F.SC IN PRE-ENGINEERING, AL AZHAR EDUCATIONAL INSTITUTE, PANR SWAT

MARKS: 871/1100 A GRADE

MAJORS:

- Mathematics
- Physics

(2013-2014)

MATRICULATION IN SCIENCE, AL AZHAR EDUCATIONAL INSTITUTE, PANR SWAT

MARKS: 898/1100 A1 GRADE

MAJORS:

- Biology
- Chemistry
- Mathematics
- Physics

PROJECTS

DEAUTHENTICATION ATTACK

- An IoT Device use for remote sensing and Home Automation.
- Device which is NODE MCU ESP826

NETWORK PACKET CAPTURING AND ANALYSIS

- Wireshark and Nmap

BS FINAL YEAR PROJECT

- Online project approval system
- Using PHP framework Laravel 7

PLC M340

- Using unity pro and unity loader software for connectivity
- Upload project file and configuration in HMI

TOOLS

- Languages SQL, C/C++, PHP etc.
- Operating System Windows, Linux
- Vulnerability Assessment Tools Nessus, NMAP, Vulnerability Analysis etc.
- Editing Adobe Photoshop CS6, coral draw, pica etc.
- Others GNS3, Unity loader, VMware Workstation, Oracle VirtualBox. MS Office 2013 etc

CERTIFICATIONS AND TRAINING

- **Certified Network Security Practitioner (CNSP)** (Certificate) 19-Jun-2023
- **Network Defense Essentials (NDE)** (Certificate)
- **EC-Council Certified Ethical Hacker (CEH- Essentials)** (Certificate)
- **EC-Council Certified Digital Forensics (DFE- Essentials)** (Certificate)
- **ISO/IEC 27001 INFORMATION SECURITY ASSOCIATE™** (Certificate) 11 Sep 2022
- **KP Cyber Emergency Response Centre** (1 week training) 18 Oct, 2019
- **Microsoft Azure: Web Applications Training** (15 days training) 8 Dec, 2019
- **Microsoft Office Specialist Office Word 2013** (Certificate) Nov 30, 2018
- **FOUNDATIONS OF BUSINESS SKILLFRONTAND ENTREPRENEURSHIP** (Certificate) 11 Sep, 2022
- **CompTIA Practice** (coursera Certificate) Aug 30, 2023
- **Certified AppSec Practitioner (CAP)** (Certificate) 18 Jun 2023
- **Introduction to Cybersecurity Tools & Cyber Attacks** (coursera Certificate) Oct 24, 2023
- **Web development** from Max tech institute 2 months duration course

HIGHLIGHTS

- Highly Motivated
- Analytical Thinking
- Quick Learner
- Problem Solver

INTERESTS & HOBBIES

- Data Security and management
- Cyber Security
- Learning new stuff
- Reading
- Watching Movies

OTHER INFORMATION

- DOB: 17 Jan 1998
- Religion: Islam

LANGUAGES

- English
- Urdu
- Pashto