MOHAMMED MEESAM

Network Engineer

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CERTIFICATIONS & COURSES

Cryptography I
Stanford University (*Coursera.org*)

Cybersecurity Essentials
Cisco Networking Academy

Python Essentials
Cisco Networking Academy

Intro to Cloud
Cognitive Class AI

KEY SKILLS

Development
Proficient with PHP, C# and Web Development (HTML, CSS, JavaScript)

Networking
Strong knowledge of VLANs, Active Directories, VPNs, ACLs, Configuration and Setup of RPs, Servers, IOT devices

Penetration Testing
Scripting with python and Pen testing in Kali Linux using various tools. Good handle on Linux commands.

Design
Understanding of colour palettes to design beautiful front-end designs.

Project Management
Defining and adhering to scope and constraints and documenting the progress and resources allocated.

Presentation & Client Meetings
Strong presentation skills and capability to communicate ideas effectively. Good marketing skills that help communicating with clients.

Analytical & Problem Solving
Excellent analytical thinking especially useful in Qualitative Analysis of code written by peers and documenting the

PROFILE

Information Technology professional with a strong educational background in Networking and Web Development.

Seeking an IT role at a firm to utilize my knowledge, programming and problem solving skills to provide value and work with like minded indivduals.

| Networking | Cyber Security | C#/PHP | Web Dev |

PROFESSIONAL EXPERIENCE

Systems Administrator
ABC Technologies

Feb 2021 - Present

• Setting up of virtual servers and LAMP stacks on Digital Ocean droplets for web server deployment.
• Research and Planning for Network infrastructure upgrades according to requirements..
• Documenting the current network architecture.
• Setup and management of Employee attendance management system.
• Managing the company website, subdomains and admin panel (cPanel).

Software Engineer
ABC Technologies

Feb 2021 - Present

• Developing web applications and Data acquisition software for Engineering projects using PHP and MySQL.
• Using Rest API to perform automated data inputs from IOT devices in an industrial environment.
• Conducting quality analysis and testing on software developed by peers and suggesting changes.
• Project Planning and Requirement Analysis according to SDLC for project approvals from management.
• Meeting with clients, understanding the requirements, designing wireframes and quoting development costs.
• Designing relational database based on client requirements and ensuring scalability during the design process.

Web Development
Freelance

Nov 2018 – April 2021

• Analyzed client requirements and decided scope of development.
• Developed websites using ASP.net, Wordpress, Elementor
• Developed backend using Java, C#
• Developed portfolio and advertisement websites.

Tutor
Independent

Jan 2015 – Aug 2015

• Coached multiple students in First Year University subjects including Algorithms, Object Oriented Programming and Mathematics
• Explained content and logic in simplified terms and enabled them to perform well
• Evaluated student performance and encouraged them to work harder

EDUCATION

BACHELOR OF COMPUTER SCIENCE IN NETWORKING (Honours)
University of Bedfordshire (First Class)
2016 – 2020

ACADEMIC & PASSION PROJECTS

Portfolio Website – mohammedmeesam.com
2020
Designed a portfolio website to showcase my projects and interests using extensive Javascript and AJAX. Currently hosted as a static website on Github Pages.
(JavaScript, HTML, CSS)

Blockchain Based Electronic Voting System
2019
Final Year project using IBM Kubernetes service and IBM blockchain platform to deploy a smart contract to allow distributed, secure and immutable voting and displaying tallied results on a user friendly website.
(JavaScript, TypeScript, Python, Node.js, HTML, CSS)

Web Development
2018-2019
Developed complete websites using Visual Studio, Eclipse, Apache Server, ASP.net. Developed 2 web banking systems, 4 e-commerce websites, Airline management system and a Fitness calculator.
(HTML, CSS, Java, C#, JavaScript)

Networking
2018-2019
Developed large simulated networks using Packet Tracer, configuring VLANs, AD, ACL, RP, stress testing, Pen testing and scripting in Kali Linux.
(Python, PT)