College Park, Maryland, USA
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Zain Nisar

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EDUCATION

Master of Science: Cloud Computing Systems | University of Maryland Global Campus   **Class of 2024**

Bachelor of Science: Middle School Education | University of Maryland College Park   **Class of 2022**

CERTIFICATIONS

Microsoft Certified: Azure Fundamentals (AZ-900)

TECHNICAL SKILLS

Platforms and Services: Amazon Web Services (AWS), Microsoft Azure, Nginx, Microsoft Visual Studio Code, Wireshark, PowerShell, Bash

Cloud Infrastructure: Infrastructure as Code (IaC), Cloud Networking (VPC, Subnetting, Security Groups), Cloud Active Directory Management, Virtual Networks, Cloud Virtualization, Cloud Migration, Monitoring (AWS CloudWatch)

WORK EXPERIENCE

Technical Operations Specialist | StallionTek   **Upper Marlboro, MD, USA | January 2017 – August 2018**

- Led installation and configuration of office computing and communication systems, optimizing communications for over 15 employees
- Configured and customized Windows 10 laptops for sale using Sysprep, enhancing user satisfaction and system performance
- Documented critical training protocols and quality assurance measures to secure ISO certification
- Implemented training modules on Fishbowl inventory management software to support employee onboarding processes

Digital Learning and Project Manager | ILIA   **Baltimore, MD, USA | November 2022 – September 2023**

- Managed digital marketing campaigns and delivered LMS support (Teachable, Google Classroom), to increase organizational visibility and enhance digital learning experience for students
- Administered Salesforce CRM for class registration, event scheduling, and content management
- Configured and maintained AV equipment (OBS Studio) for educational podcasts and livestreams
- Supervised and supported interns with website development and technical projects

Elementary & Middle School Teacher | VFAQ   **Doha, Qatar | September 2023 – June 2024**

- Developed and delivered IT, Math, and Science lesson plans catered to varied learning styles, enhancing subject comprehension for 35 students
- Analyzed assessment data using Schoology, PowerSchool, IXL, and MAP testing to align teaching approaches with educational outcomes, improving student performance metrics by 15%
- Addressed learning barriers of 10 ESL students by using real-world examples and adapting teaching strategies to student abilities in real-time

TECHNICAL PROJECTS

Cloud Infrastructure, Automation & Cost Optimization (Master's Program)

- Developed a cloud migration plan aligned with industry best practices, including GDPR compliance, data encryption (AES-256), and identity-based access controls (IAM, RBAC), ensuring a secure and compliant transition to AWS and Azure
- Deployed AWS infrastructure (EC2, S3, IAM, RDS, VPC) with encryption at rest and in transit (TLS 1.2, AES-256), applying least-privilege IAM policies to enhance security and minimize attack surface
- Automated cloud deployments using AWS CloudFormation, AWS CLI, and Azure Resource Manager (ARM) templates, ensuring consistent infrastructure provisioning and reducing manual configuration errors
- Configured cloud monitoring and security tools (AWS CloudWatch, CloudTrail, AWS Config, Azure Monitor, Azure Security Center) for real-time tracking and compliance
- Performed TCO & ROI analysis with AWS Pricing Calculator and Azure Cost Management, identifying cost-saving opportunities