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Muhammad Hanan

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ID: 35502-0195062-1 **Work permit:** Pakistani **Gender:** Male **Date of birth:**

19/01/2003 **Place of birth:** City Shahkot, Pakistan **Nationality:** Pakistani

ABOUT ME

Graduated 2024 at the University of Agriculture Faisalabad with hands-on experience in Smart Automation and IoT projects. My Final Year Project focused on designing an **Arduino-based Home Automation System**, leveraging technologies like Arduino Nano, HC-05 Bluetooth module, and MIT App Inventor.

Achieved the internationally recognized **AWS DevOps Engineer – Professional-(DOP-C02)** certification, "I have knowledge about this Python, Git, Docker, Ci/CD, Postman, Kubernetes.

Achieved the internationally recognized **AWS Solutions Architect – Associate-(SAA-C03)** certification, validating expertise in designing secure, scalable, and cost-efficient cloud architectures on AWS. Skilled in core AWS services, cloud migration.

Successfully earned the **Microsoft Certified: Azure Fundamentals-(AZ-900)** certification, Understand (IaaS, PaaS, SaaS) and deployment models (Public, Private, Hybrid).

"Successfully completed the **CCNA** course in Corvit Netwroking System Lahore, Understanding of networking principles, including routing, switching, and network security.

EDUCATION AND TRAINING

[16/09/2020 – 15/09/2024]

Bachelor of Information Technology

University of Agriculture, Faisalabad , Pakistan <https://web.uaf.edu.pk>

City: Faisalabad | **Country:** Pakistan | **Field(s) of study:** Information Technologies | **Final grade:** 3.02/4 | **Level in EQF:** EQF level 6

[16/09/2018 – 15/09/2020]

Intermediate (FSc. Pre-Engineering)

Inter Board Coordination Commission (IBCC) <https://equivalence.ibcc.edu.pk/verification.php>

City: Islamabad | **Country:** Pakistan | **Final grade:** 652/1100 | **Level in EQF:** EQF level 4

CERTIFICATIONS

[19/03/2025 – 19/03/2028]

AWS DevOps Engineer – Professional-(DOP-C02)

CI/CD pipelines, automated deployments, Terraform, CloudFormation, Ansible, CloudWatch, AWS X-Ray, centralized logging, IAM, security best practices, compliance, Disaster recovery, automated responses,

VALIDATION NUMBER: 3efd3cee2ccb4384bb762c104db86d95

Link: <https://aws.amazon.com/verification>

[05/03/2025 – 04/03/2028]

AWS Certified Solution Architect - Associate (SAA-C03)

AWS Services Covered:

- S3, EBS, EFS, Glacier, EC2, Lambda, Auto Scaling, Elastic Load Balancer (ELB), RDS, DynamoDB, VPC, Route 53, CloudFront, Direct Connect, IAM, KMS, Security Groups.
- **VALIDATION NUMBER:** c2137ce6317843f089c299aacca890ae

Link: <https://aws.amazon.com/verification>

[10/12/2024 – 22/12/2024]

Microsoft Certified Azure Fundamentals (AZ-900)

Azure Services Covered:

All compute services, Networking, Virtual Networking, Storage, Security.

Credential ID: 92B2435D2C9510A5

Certification Number: 54DF25-F12CP0

Link: <https://learn.microsoft.com/en-us/users/muhammadhanan-2728/credentials/92b2435d2c9510a5?ref=https%3A%2F%2F>

[01/01/2025 – 23/01/2025]

CCNA (Cisco Certified Network Associate)

Course provides foundational knowledge and skills in networking. It covers concepts such as **network fundamentals, IP addressing, routing and switching, wireless networking, network security, and automation.**

PROJECTS

Arduino Based Home Automation

Our Final Year Project (FYP) focused on developing an **Arduino-based Home Automation System** to address the growing demand for smart home solutions. This system enables users to remotely control household devices, such as bulbs, sockets, and an AC fan, using a mobile application developed with MIT App Inventor. Key hardware components include an Arduino Nano microcontroller, HC-05 Bluetooth module, and relay modules, ensuring efficient wireless communication and reliable device control.

The system offers features like individual device control, timers for automated operation, and a master control to switch off all devices simultaneously.

WORK EXPERIENCE

[30/12/2024 – 06/02/2025]

Cloud Support Engineer

Muhammad Hanan <https://edonlink.com/>

City: Shahkot | **Country:** Pakistan | **Email address:** info@edonlink.com | **Name of unit or department:** IT Department | **Business or sector:** Information and communication

- **Design and Implement Cloud Solutions:** Develop and deploy scalable, secure, and resilient cloud architectures using AWS services, focusing on best practices and cost efficiency.
- **Migration and Modernization:** Lead cloud migration projects, transforming on-premises applications and infrastructure to cloud-native environments using **Git, Docker, CI/CD, Postman.**
- **Collaboration and Consultation:** Work closely with development teams, stakeholders, and clients to understand requirements and deliver tailored cloud solutions.

- **Security and Compliance:** Ensure cloud solutions meet security, performance, and regulatory compliance.
- **Troubleshooting and Support:** Provide advanced support and troubleshooting for cloud-based applications and infrastructure.

[08/02/2024 – 23/03/2024]

Internee Networking Department

Muhammad Hanan

City: Ada Johal, Faisalabad Road | **Country:** Pakistan

During my last semester, I interned in the networking department at Masood Textile Mills Ltd. This role allowed me to gain practical experience in managing network systems, troubleshooting issues, and enhancing system connectivity, which strengthened my understanding of network infrastructure and operations.

MANAGEMENT AND LEADERSHIP SKILLS

Class Representative

- **Team Management:** Skilled in fostering teamwork, motivating peers, and ensuring collaboration.
- **Problem-Solving:** Capable of addressing and resolving conflicts efficiently with logical solutions.
- **Organizational Skills:** Experienced in planning and managing events, meetings, and academic schedules.
- **Decision-Making:** Confident in making informed decisions under pressure to support the team or group.

HOBBIES AND INTERESTS

Learning Growth

Hobbies:

- **Learning and Growth:** Continuously enhancing technical skills through hands-on projects, certifications, and research in emerging fields like cloud computing and networking.
- **Problem Solving:** Enjoy troubleshooting and optimizing systems to improve efficiency and functionality
- **Interests:**
- **Professional Growth:** Aspiring to work in top-tier IT companies or software houses, contributing to innovative projects and global-scale solutions.

LANGUAGE SKILLS

Mother tongue(s): Urdu , Panjabi; Punjabi

Other language(s):

English

LISTENING A2 READING A2 WRITING A2

SPOKEN PRODUCTION A2 SPOKEN INTERACTION A2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

My Digital Skills

Terraform / Ansible / Kubernetes / Docker / Jenkins | Cloud management, IaC (Infrastructure as Code) and Security as Code (SaC) | Basics CI/CD | AWS Compute Services | Git | AWS load balancing & VPC | Security & Compliance | AWS RDS & IAM | AWS Networking\ | Azure Fundamentals | Websites Optimizations & Expert Google Ads Campaign | Smart Automation | Microsoft Office, Microsoft 365 | Have a good leadership qualities | Fast English Typing | SEO Digital Marketing



Muhammad Hanan

AWS Certified DevOps Engineer - Professional

VALIDATION NUMBER: 3efd3cee2ccb4384bb762c104db86d95

VALIDATE AT: <https://aws.amazon.com/verification>

Issue Date: March 19, 2025

Expiration Date: March 19, 2028



Muhammad Hanan

AWS Certified Solutions Architect - Associate

VALIDATION NUMBER: c2137ce6317843f089c299aacca890ae

VALIDATE AT: <https://aws.amazon.com/verification>

Issue Date: March 5, 2025

Expiration Date: March 5, 2028



Muhammad Hanan

has successfully passed all requirements for

Microsoft Certified: Azure Fundamentals



Credential ID: 92B2435D2C9510A5

Certification number: 54DF25-F12CP0

Earned on: December 22, 2024

✓ Online Verifiable

Satya N.
Satya Narayana Nadella



Muhammad Hanan

AWS Certified Machine Learning - Specialty

VALIDATION NUMBER: 86af5abcb2774b91a8f4bcd32f160074

VALIDATE AT: <https://aws.amazon.com/verification>

Issue Date: June 24, 2025

Expiration Date: June 24, 2028