

HUMAYUN KHAN

Computer Science Student & Cloud Enthusiast

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PROFESSIONAL SUMMARY

Motivated Computer Science student with hands-on experience in cloud computing, cloud security, and IT operations. Skilled in building secure, reliable, and cost-effective cloud solutions using AWS services, serverless architecture, and monitoring and alerting tools. Currently preparing for the AWS Certified Cloud Practitioner certification. Strong problem-solving, communication, and time-management skills, with a keen interest in troubleshooting technical issues and supporting customers in a Cloud Support Associate role.

TECHNICAL SKILLS

Cloud Platforms: Amazon Web Services (AWS)

AWS Services: CloudTrail, EventBridge, SNS, S3, CloudFront, AWS Budgets

Cloud & Security: Cloud Security, Serverless Architecture, Origin Access Control (OAC), S3 Versioning, Cost Management (FinOps)

Operations & Support: Monitoring & Alerting, IT Support

Soft Skills: Problem Solving, Teamwork, Communication, Time Management, Fast Learner

PROJECTS

Real-Time AWS Root Login Alert System

AWS, CloudTrail, EventBridge, SNS, Serverless

- Built a serverless security system to monitor and detect AWS root account logins in real time.
- Configured AWS CloudTrail to track login events and Amazon EventBridge to detect specific login patterns.
- Integrated Amazon SNS to deliver instant email alerts, replacing manual checks and strengthening cloud security.

Secure Global Document Delivery Pipeline

AWS, S3, CloudFront, Security, FinOps

- Built a fast, secure content delivery network (CDN) using Amazon S3 and Amazon CloudFront.
- Secured data by configuring Origin Access Control (OAC) and blocking public access to S3 buckets.
- Protected files with S3 Versioning and controlled costs using AWS Budgets, keeping monthly spend under \$0.01.

EXPERIENCE

Software Development Intern

CodersCave (Remote) | Sep 2023 – Oct 2023

- Supported the development and debugging of software applications to meet project goals and user needs.
- Collaborated with a remote team to add new features that improved software usability.
- Managed time effectively to complete daily tasks on schedule in a fast-paced remote environment.

EDUCATION

Bachelor of Science in Computer Science | 2027

SZABIST University – Karachi, Pakistan

Intermediate (Pre-Engineering)

Higher Secondary School Var – Grade: 418

O-Levels

The City School – Karachi

CERTIFICATIONS

- AWS Certified Cloud Practitioner (In Progress) – Amazon Web Services