

HUMAYUN KHAN



Computer Science Student & Cloud Enthusiast

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OBJECTIVE

Motivated Computer Science student with a strong focus on Cloud Computing and AWS architecture. Passionate about building secure, fast, and cost effective cloud solutions. Currently preparing for the AWS Certified Cloud Practitioner exam and actively building hands-on experience in cloud security, serverless technology, and IT operations. Eager to solve real world technical problems and learn new cloud technologies.

EDUCATION

Bachelor of Science in Computer Science (2027)
SZABIST University – Karachi, Pakistan

Intermediate (Pre-Engineering) (2020–2022)
Higher Secondary School Var – Grade: 418

O-Levels (2017–2020) The
City School – Karachi

INTERNSHIP EXPERIENCE

Software Development Intern | CodersCave (Remote) | Sep 2023 – Oct 2023

- Assisted in building and fixing software applications to meet project goals and user needs.
- Worked closely with a remote team to add new features, making the software easier to use.
- Managed time effectively to complete all daily tasks on schedule in a fast paced virtual environment.

PROJECTS

Real Time AWS Root Login Alert System | AWS, CloudTrail, EventBridge, SNS, Serverless

- Built a serverless security system to instantly monitor and detect AWS root account logins.

- Used AWS CloudTrail to track login events and Amazon EventBridge to spot specific login patterns.
- Set up Amazon SNS to send instant email alerts, replacing manual checks and improving overall cloud security.

Secure Global Document Delivery Pipeline | AWS, S3, CloudFront, Security, FinOps

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

SKILLS

- Cloud Technologies: Amazon Web Services (AWS), Cloud Security, Serverless Architecture, FinOps (Cost Management), Cloud Operations
- Technical Interests: AWS Cloud Practitioner (In Progress), Cloud Engineering, IT Support
- Soft Skills: Problem Solving, Teamwork, Communication, Time Management, Fast Learner

CERTIFICATIONS

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