Ayyaz Akhtar

New York, NY | 571-354-7324 | ayyazakhtar1@gmail.com | ayyazakhtar.com

/*********************** Github ****************************/

disneystreaming/automated-cloud-advisor   aakhtar3/aakhtar3.github.io
neetcode-gh/leetcode   aakhtar3/javascript-projects

/********************** Certifications *************************/

AWS: Associate (Solution Architect, Developer, SysOps)   **Scrum..:** Certified Scrum (Master, Developer)
     Professional (Solution Architect, DevOps Engineer)   **CompTIA:** Infrastructure (Network+, Linux+, Cloud+)
     Specialty (Security, Advanced Networking)   Cybersec. (Security+, CySA+, PenTest+, CASP+)

/********************* Technologies **************************/

Adobe....: Photoshop, Lightroom, Illustrator, Fresco   **AWS.......:** Serverless, Containers, Data Analytics
Client...: HTML5, CSS3, JavaScript, TypeScript, Next   **Security..:** IAM, SCP, KMS, JWT, VPN, WAF, SIEM, IPsec
Server...: Node, Bash, Groovy, Java, Python, Ruby, PHP   **Networking:** Route53, VPC, Routing table, CIDR, NACL, SG
Database.: Auora, Dynamo, Redis, Mongo, Neo4j, Keyspaces   **Monitoring:** SNS, PagerDuty, Datadog, ELK, RUM, APM, XRay
Analytics: Kinesis, MQ, EMR, Redshift, Athena, Data Lakes   **Automation:** CloudFormation, Jenkins, Docker, Hashicorp

/******************** Recent Experience *********************/

#!/usr/bin/env Security-Reseacher
> Identified vulnerable open endpoints from the NYU domain and created pentest reports.
> Hosted a global capture the flag competition with over 1800+ teams and 4500+ players.
> Built on-premise and cloud infrastructure with VPN, segmentation, and OAuth access.
> Created observability dashboards to display syslogs, container logs, and host metrics.
> Maintained a dev.to tech blog with topics on cloud, network, security, and software.

#!/usr/bin/env Software-Architect
> Designed custom CI/CD Jenkins library tailored to Monorepos with 100% code coverage.
> Increased web throughput by 70% with a compressed cache solution by fixing bottlenecks.
> Implemented highly available failover mechanisms to ensure uninterrupted services.
> Open-sourced an AWS cloud optimization tool to improve cost efficiency and utilization.
> Contributed and analyzed 400+ JavaScript solutions on neetcode.io as a resource.

#!/usr/bin/env Technology-Lead
> Technolgy lead on Disney+, Star+, ESPN+, and Hulu Web Archtricture/Infrastrcuture.
> Support developers with debugging, troubleshooting, requirements, and implementation.
> Monitored roadmap milestones progress to deliver strategic work and adjust priorities.
> Socialized RFCs to stakeholders and teams to gather feedback and refine requirements.
> Automated, gathered, and displayed team metrics to support data-driven decision-making.
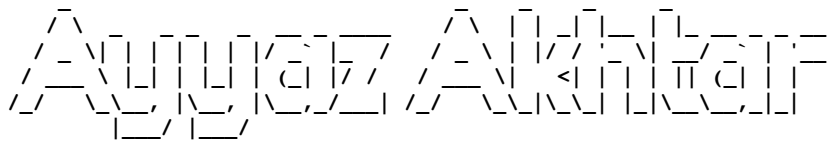
#!/usr/bin/env Scrum-Master
> Hosted scrum workshops to teach work breakdown, story/mapping, mob programming, and TDD.
> Participated in cross-functional working groups to promote cross-organization alignment.
> Conducted fire drills to identify gaps and improve production incident response.
> Supervised pairing sessions to foster knowledge sharing, collaboration, and cohesion.
> Converted technical ideas into engaging demos, ensuring features to stakeholders.

/*********************** Education ***************************/

[09/23-05/25] MS Cybersecurity@New York University:~/New York/NY ./gpa 4.0
[09/14-05/17] MS Information Technology@Virginia Tech:~/Blacksburg/VA ./gpa 3.97
[09/11-05/14] BS Information Technology@George Mason:~/Fairfax/VA ./gpa 3.32

/********************** Profession **************************/

[09/21-Today] Lead Software Engineer (DevOps)@Disney Streaming:~/New York/NY
[11/19-09/21] Senior Software Engineer (DevOps)@Disney Streaming:~/New York/NY
[01/18-10/19] Senior Software Engineer (Full-Stack)@Capital One:~/McLean/VA
[11/16-01/18] Software Engineer (Full-Stack)@Capital One:~/McLean/VA
[01/16-11/16] Software Engineer II (Full-Stack)@Booz Allen Hamilton:~/McLean/VA
[08/14-01/16] Software Engineer I (Full-Stack)@Booz Allen Hamilton:~/McLean/VA

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11-19 09-21 Senior Software Engineer (DevOps) @ Disney Streaming: New York NY
01-18 10-19 Senior Software Engineer (Full-Stack) @ Capital One: McLean VA
11-16 01-18 Software Engineer (Full-Stack) @ Capital One: McLean VA
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