

# Ayyaz Aakhtar

New York, NY | 703-672-0721 | ayyazakhtar1@gmail.com | ayyazakhtar.com

## /\*\*\*\*\* Github \*\*\*\*\*/

disneystreaming/automated-cloud-advisor	aakhtar3/aakhtar3.github.io
neetcode-gh/leetcode	aakhtar3/javascript-projects
osirislab/CSAW-CTF-2023-Finals	aakhtar3/school-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+)

## /\*\*\*\*\* 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] Sr. Software Engineer (DevOps)@Disney Streaming:~/New York/NY  
[01/18-10/19] Sr. 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

## /\*\*\*\*\* Recent Experience \*\*\*\*\*/

### #!/usr/bin/env Security-Researcher

- > Identified vulnerable open endpoints from the NYU domain and created pentest reports.
- > Conducted research on wireless network attacks such as deauthentication and spoofing.
- > Hosted a global capture the flag competition with over 1800+ teams and 4500+ players.
- > Built on-premise and cloud infrastructure with VPN, segmentation, and 2FA/OAuth access.
- > Created observability dashboards to display syslogs, container logs, and host metrics.

### #!/usr/bin/env Software-Architect

- > Designed custom CI/CD Jenkins library tailored to Monorepos with 100% code coverage.
- > Reduced CI/CD run time by 20+ minutes by building a remote distributed cache solution.
- > Increased web throughput by 70% with a compressed cache solution by fixing bottlenecks.
- > Implemented highly available failover mechanisms to ensure uninterrupted services.
- > Built a scalable web static page proxy for internal applications and documentation.

### #!/usr/bin/env Technology-Lead

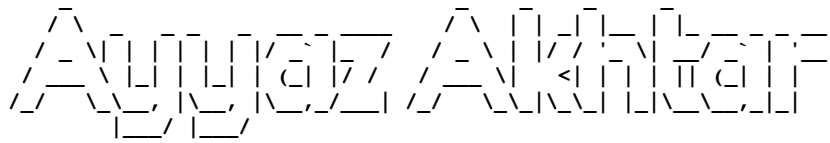
- > Technology lead on Disney+, Star+, ESPN+, and Hulu Web Architecture/Infrastructure.
- > Support developers with debugging, troubleshooting, requirements, and implementation.
- > Monitored roadmap milestones progress to deliver strategic work and adjust priorities.
- > Socialized RFCs to stakeholders 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.

### #!/usr/bin/env Open-Sourcerer

- > Maintained a dev.to tech blog with topics on cloud, network, security, and software.
- > 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.



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09-11 05-14 BS Information Technology @ George Mason: Fairfax VA - 3.32

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11-19 09-21 Sr. Software Engineer (DevOps) @ Disney Streaming: New York NY  
01-18 10-19 Sr. 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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