

# Ayyaz Akin

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)      Cyber Sec. (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.: Aurora, 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 technologist

- > Contributed and analyzed 400+ JavaScript solutions on neetcode.io as a reliable resource for programmers
- > Built and secured a distributed multi-cloud & hybrid network with 15 segmentations and 30 components
- > Configured HomeLab monitoring to collect real-time network data and generate comprehensive dashboards
- > Maintained a tech blog on dev.to, covering a wide range of cloud, network, security, and software topics

#!/usr/bin/env architect

- > Designed a custom CI/CD Jenkins library tailored to the requirements of Monorepos with 100% code coverage
- > Identified performance bottlenecks and increased web throughput by 70% with a compressed cache solution
- > Implemented Highly Available failover mechanisms to ensure uninterrupted service in the event of failures
- > Open-sourced an AWS cloud optimization tool to improve cost efficiency, performance, and resource utilization

#!/usr/bin/env leadership

- > Led efforts to automate, gather, and display team metrics, to support data-driven decision-making
- > Conducted fire drills to identify gaps in runbooks and improve team production incident response
- > Monitored progress and milestones of the roadmap, to deliver strategic work and adjust priorities
- > Socialized RFCs to stakeholders, teams, or relevant forums to gather feedback and refine requirements

#!/usr/bin/env collaborator

- > Hosted scrum workshops to teach work breakdown, story slicing, story mapping, mob programming, and TDD
- > Facilitated team pairing sessions to foster knowledge sharing, collaboration, and skill development
- > Translated technical concepts into engaging demos, ensuring features/benefits to various stakeholders
- > Participated in cross-functional meetings and working groups to promote cross-organization alignment

## /\*\*\*\*\* Education \*\*\*\*\*/

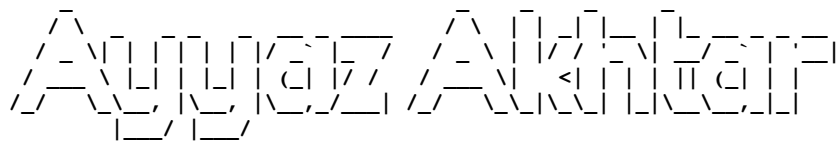
[09/23-05/26] MS Cyber Security@New York University:~/New York/NY ./gpa 4.0  
[09/14-05/17] MS Information Technology@Virginia Tech:~/Blacksburg/VA ./gpa 3.97  
[09/11-05/14] BS Information Technology@George Mason:~/Fairfax/VA ./gpa 3.32

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

## /\*\*\*\*\* NonProfit \*\*\*\*\*/

[01/14-04/14] Junior Database Administrator@Facets:~/Fairfax/VA  
[10/13-04/14] Junior Database Administrator@Tahirih Justice Center:~/Fairfax/VA  
[10/13-04/14] Consultant@Nati. Center For Miss. & Expl. Children:~/Alexandria/VA



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Leadership

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\*\*\*\*\* Education \*\*\*\*\*

09-23 05-26 MS Cyber Security @ New York University: New York NY - 4.0  
09-14 05-17 MS Information Technology @ Virginia Tech: Blacksburg VA - 3.97  
09-11 05-14 BS Information Technology @ George Mason: Fairfax VA - 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

\*\*\*\*\* NonProfit \*\*\*\*\*

01-14 04-14 Junior Database Administrator @ Facets: Fairfax VA  
10-13 04-14 Junior Database Administrator @ Tahirih Justice Center: Fairfax VA  
10-13 04-14 Consultant @ Nati. Center For Miss. & Expl. Children: Alexandria VA