

# Ayyaz Ayyaz

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## /\*\*\*\*\* 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+)  
CyberSec (Security+)

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

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

#!/usr/bin/env technologist

- > Participated in multiple capture the flag events
- > Blogged network/security/software topics on dev.to
- > Active member of multiple cryptocurrency NYC groups
- > Contributed +400 JavaScript solutions to neetcode.io
- > Built a homelab with +10 networks and +30 components
- > Open-sourced an AWS automated cloud optimization tool
- > Curated homelab dashboards with network logs & metrics
- > Pentested multiple radio wave frequencies and hardware

#!/usr/bin/env architect

- > Created multiple public and private web proxies
- > Re-architected web apps to be multi-region with HA
- > Refactored code and improved test coverage by 100%
- > Created a Jenkins library to run CI/CD on monorepos
- > Added security, auditing, and observability packages
- > Generated multiple IAC templates to build cloud infra
- > Increased web throughput by 70% with a cache solution
- > Developed toolkits to generate serverless applications

#!/usr/bin/env leadership

- > Led to automate, capture, and display team metrics
- > Pivoted to ad-hoc prod issues with quick turnaround
- > Subject matter expert in JS, Scrum, AWS, and CompTIA
- > Mentored/coached/advised junior and senior engineers
- > Documented runbooks for production incident response
- > Introduced process to intake requests from end users
- > Proactively worked on tasks to improve dev experience
- > Planned/updated roadmap to strategically deliver work

#!/usr/bin/env teammate

- > Built and fostered cross-organization relationships
- > Facilitated mob programming sessions to improve TDD
- > Focused heavily on building team and testing culture
- > Audited code submissions by providing best practices
- > Contributed and influenced nodejs enterprise framework
- > Hosted work breakdown workshops to teach story slicing
- > Socialized RFCs during the research and planning phase
- > Created demo artifacts with high-quality presentations

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

[09/23-05/26] MS Cybersecurity@New York University:~/New York/NY ./gpa #.#  
[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