AYYAZ AKHTAR

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

disneystreaming/automated-cloud-advisor   aakhtar3/aakhtar3.github.io

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

AWS: Associate (Solution Architect, Developer, SysOps)   **Scrum Alliance:** Certified Scrum (Master, Developer)
    Professional (Solution Architect, DevOps Engineer)

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

Adobe........: Photoshop, Lightroom, Illustrator   **Security...:** IAM, KMS, JWT, Reverse Engineering
Client......: HTML5, CSS3, JavaScript, React, Angular   **AWS........:** EC2, ECS, S3, RDS, Lambda, CloudWatch
Server......: Nodejs, Java, Python, Meteor, Ruby, PHP   **Networking.:** VPC, VPN, SG, CIDR, Route53, RouteTables
SQL.........: Auora, Athena, PostgreSQL, MySql, Oracle **Pen Testing:** Metasploit, Wireshark, BurpSuite, SQLMap
Data Science: Machine Learning, Scikit-learn, NetworkX **Monitoring.:** SNS, ELK, XRay, Alarms, New Relic, Datadog
NoSQL.......: DynamoDB, MongoDB, Redis, Neo4j, Accumulo **DevOps.....:** CloudFormation, Jenkins, Docker, Hashicorp
Big Data....: EMR, Kinesis, Flink, Storm, Kafka, RabbitMQ **OS.........:** Kali, Amazon, Ubuntu, CentOS, Mac, Windows

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

[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

/********************** Experience **********************/

[09:21-Today] Lead Software Engineer@Disney Streaming:~/New York/NY
> Lowered the number of daily deployments by 66% from creating a monorepo pipeline.
> Simplified the complexity of our web proxies by templating 50+ environments down to 2.
> Generated multiple Cloud Formation Templates to automate the process of building web cloud infrastructure.
> Created a shareable Jenkins library with multiple pipelines that can build, test, publish, deploy projects.

[11:19-09:21] Senior Software Engineer@Disney Streaming:~/New York/NY
> Re-architected Disney+ web multi-region to become highly available and resilient.
> Reformed my team's agile processes by improving team cohesion and requirement gathering.
> Increased the web throughput performance of Disney+ by ~70% with a compressed caching solution.
> Classified cost optimizations of +$100,000 in idle cloud resources by building an automated cloud advisor.

[01:18-10:19] Senior Full-Stack Software Engineer@Capital One:~/McLean/VA
> Involved in multiple inner source efforts while mentoring junior developers.
> Advanced developer tool kits to automate serverless architecture applications.
> Reduced cost by ~$2,000 a month by modernizing web applications to using serverless technologies.
> Updated the marketing decision engine by automating the business process with big data streaming technologies.

[11:16-01:18] Full-Stack Software Engineer@Capital One:~/McLean/VA
> Contributed and influenced the Capital One Nodejs enterprise framework.
> Presented various knowledge sharing topics at internal networking events.
> Improved end-user experience by building interactive navigating UI widgets.
> Upgraded an application's cloud architecture to enable CICD and be security compliant.

[01:16-11:16] Software Engineer II@Booz Allen Hamilton:~/McLean/VA
> Overhauled an enterprise software's dependencies mapping and testing suite.
> Designed an automation tool that interrogated, vetted, and updated data through a job scheduler.
> Integrated a tracking analytics tool across multiple applications to identify actionable insights.
> Diminished memory complexity issues from $O(n^2)$ to $O(1)$ by writing a scalable re-indexing streaming solution.

[08:14-01:16] Software Engineer I@Booz Allen Hamilton:~/McLean/VA
> Worked as a full-stack in an agile and test-driven environment developing intelligence platforms.
> Cultivated tools to allow analysts access to near real-time threat intelligence and write reports.
> Assisted in rapid prototyping, hosted presentations, gathered requirements, and implemented features.
> Revamped a security platform's API by patching vulnerabilities and enabling encryption in flight and at rest.

/********************** 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