**­­­­Emrakh Ibragimov**

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**Objective**

Cybersecurity full-stack developer with production experience in building, updating, and maintaining cloud infrastructure pivoting to DevOps/SRE.

**Certificates**

**AWS Solutions Architect – Associate (SAA-C03)** Jul 28, 2025 - Jul 28, 2028

**AWS SysOps Administrator – Associate (SOA-C02)** Aug 28, 2025 - Aug 28, 2028

**Terraform Associate (003)** Sep 14, 2025 - Sep 14, 2028

**Experience**

***Full-Stack Developer*, SOCSoter** November 2023 – Present

* Maintained and troubleshot all company infrastructure, like servers and datastores, spanning across multiple applications
* Built and operated a reporting platform that has delivered thousands of dynamic, customer-specific reports to end customers
* Rebuilt our secure authentication with 2FA and self-service password reset, reducing support tickets and strengthening account security
* Rebuilt Cron orchestration server, reducing cron job failures from 2-3/wk to 0/wk
* Implemented a long-term log retention system for end customers to meet compliance-needs
* Implemented a Phishing system to parse browser history and correlate against known phishing indicators
* Updated and maintained SIEM log ingestion, increasing reporting data reliability to ~100%

**Projects**

***Portfolio,* Personal Portfolio** emrakh.com

* Deployed my personal portfolio using AWS S3, AWS Route 53, AWS ACM, and Terraform
* If the DNS information hasn’t propagated for emrakh.com, the website can be found at s3.us-east-1.amazonaws.com/emrakh.com/index.html

***Lumin Prep*, Cybersecurity Training Platform**

* Created a cybersecurity training platform to train students pursuing a cybersecurity certification
* Implemented a learning portal where users can view articles, labs, images, and videos explaining cybersecurity concepts
* Implemented design patterns to make troubleshooting and debugging effortless
* Implemented user registration, authentication, and subscription purchasing
* Completed implementation and infrastructure design; prepared to explain deployment strategy in detail

**Technical Skills**

* **Cloud:** AWS (IAM, VPC, EC2, S3, CloudWatch, CloudTrail, Route 53, Auto Scaling, Elastic Load Balancing)
* **Containers & Orchestration:** Docker, Kubernetes
* **Infrastructure as Code (IaC):** Terraform
* **CI/CD:** Github Actions
* **OS:** Linux
* **Formats:** YAML, JSON, HCL
* **Accessory:** NGINX, Git
* **Datastores:** MySQL, PostgreSQL, Redis, MongoDB
* **Languages (Proficient)**: TypeScript, Python, JavaScript
* **Languages (Familiar)**: PHP, Rust

**Education**

***Bachelor’s Degree*, Pennsylvania State University** *Completed*

Major: General Biology

Cumulative GPA: 3.96

Honors: Magna Cum Laude