

Education

University of Massachusetts Boston, Boston, MA

December 2023

Bachelor of Science: Bachelor of Science - BS, Information Technology

Relevant Coursework: Database Management, Computing in C, Advanced Data Structures and Algorithms, Structure of Higher-Level Languages, Introduction to Theory of Computation, Computer Architecture and Organization, Introduction to Software Engineering, Cloud Engineering, Minor in System Administration, Networking & Linux OS.

University of Debrecen, Hungary

June 2018- August 2019

Bachelor of Science: Computer Science

Relevant Coursework: Digital Signal Processing, Robotics and Automation, Cybersecurity Fundamentals, Software Quality Assurance and Testing, Artificial Intelligence and Machine Learning, Web Development and Design, Social Ethics and Cybersecurity.

Work Experience

Hawkincloud, Boston, MA

January 2023- December 2023

Senior DevOps Engineer

- Utilized CloudTrail's detailed logs to proactively identify and mitigate security risks.
- Decreased the average time to identify potential security threats by 30%, bolstering our ability to respond swiftly and minimize potential damages.
- Collaborated closely with development teams to utilize CloudTrail insights for optimizing application performance. Achieved a 15% improvement in application response time and a 20% reduction in resource utilization through iterative feedback loops.
- Our streamlined CI/CD pipeline, coupled with the insights from CloudTrail, played a pivotal role in swiftly identifying and resolving issues. This resulted in a remarkable 40% reduction in the average time it took to resolve incidents.

UMass Boston, Boston, MA

September 2022- January 2023

Teaching Assistant

- Delivered comprehensive instruction across a range of core courses encompassing Python, HTML, CSS, JavaScript, DOM, CGI, PHP, Embedded SQL, XML, Web Services, Apache LAMP server management, security, and Linux System Administration.
- Decreased the average time to identify potential security threats by 30%, bolstering our ability to respond swiftly and minimize potential damages.
- Conceptualized and designed an innovative Computer Science teaching lab. Successfully secured funding through a state grant to bring the lab to fruition.
- Installed, configured, and administered a VMware Linux server, enhancing class efficiency and supporting student projects.

ITSOL , Baku, Azerbaijan

May 2021- June 2022

Infrastructure System Engineer

- Successfully orchestrated the seamless migration of 10 legacy applications to AWS, yielding a 25% reduction in infrastructure costs and empowering enhanced scalability to meet burgeoning user demands.
- Developed and deployed automated user provisioning and deprovisioning processes, slashing user account setup time by 50% while bolstering security against unauthorized access.
- Achieved a 20% reduction in server response times for critical applications by leading initiatives to fine-tune Windows Servers 2016 and 2019.
- Implemented multi-factor authentication and stringent access controls, resulting in a notable 30% decrease in security incidents and breaches over a 3-year period.

Code Academy , Baku, Azerbaijan

December 2018- March 2021

Software Engineer Intern

- Utilized advanced automation tools such as Ansible, Terraform, and CloudFormation to streamline infrastructure provisioning and configuration management.
- Played a pivotal role in creating and maintaining cloud-based infrastructures on the AWS platform. Leveraged strong knowledge of AWS services, including EC2, S3, RDS, Elastic Beanstalk, and Lambda, to architect scalable and reliable solutions.
- Utilized comprehensive knowledge of Linux/Unix systems administration and shell scripting to maintain a stable and reliable operating environment for cloud-based applications.
- Integrated Python Django to develop a new e-learning portal. Reduced development time by 40%, enabling the portal to be launched two months ahead of schedule. Implemented AWS Virtual Private Cloud (VPC) configurations, resulting in a 70% reduction in unauthorized access attempts.

Projects

[More Information](#)

- AWS Developed a robust CloudTrail CI/CD pipeline using the Boto3 SDK within a Flask microservices environment.

- Implemented Docker containers, the application guarantees seamless deployment across various environments, ensuring consistent functionality and performance.

Skills

Software: Python, Kubernetes Administrator (CKA), SQL, JavaScript, Git, Linux, Object-Oriented Programming, OpenJS Node.js Services Developer, Django, Docker, CI/CD, Ansible, Jenkins.

Skills: Object-Oriented Programming, Scripting/Automation, Agile Development, AWS, Azure, DevOps Continuous Delivery and Process Automation, DevSecOps, and Networking.

Certification and Recommendations: [Link](#)

Languages: English, Russian, Turkish, German, Arabic.

Other: U.S. Permanent Resident (Green Card holder, no sponsorship required)