

Curriculum Vitae

Samuel Albershtein (System Administrator)

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About Me:

I am a **Computer Science student** with a strong interest in understanding how systems work, both at the infrastructure and operational levels. As a **detail-oriented junior System Administrator**, I have built a solid foundation in **cloud infrastructure** through studying for the **AWS Solutions Architect Associate (SAA)** certification, as well as **Linux systems (RHCSA)** and **basic automation**. I am eager to develop my skills further in managing and maintaining reliable IT systems. I bring a hands-on approach, a strong problem-solving mindset, and a commitment to continuous learning.

Projects:

AWS Serverless Website Project

- **Designed and implemented** a basic 3-tier serverless architecture using AWS.
- Set up **API Gateway** for handling requests and **DynamoDB** for simple data tracking.
- Stored files securely in a private **S3 bucket** and used **CloudFront** for content distribution.
- **Enabled HTTPS** and custom domain integration via **Cloudflare** and **AWS Certificate Manager**.
- Automated parts of the setup using **Terraform** for infrastructure as code.

AWS Scalable EC2 / RDS 2-Tier Architecture

- Deployed a scalable 2-tier architecture using **EC2** for hosting web servers and **RDS** for database management.
- Managed **VPC** networking with public and private subnets, including **NAT Gateway** for secure communication.
- Used basic scripting to streamline server configurations.

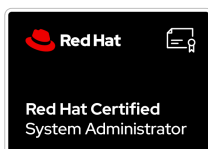
Skills

- **Operating Systems:** Linux (RHEL, Ubuntu)
- **Cloud Fundamentals:** AWS EC2, S3, RDS, IAM, Cloudfront
- **Networking Basics:** Subnets, NAT, Security Groups, DNS, RSA, ECDSA
- **Scripting:** Basic Bash/Python scripting for system tasks
- **Tools:** Terraform
- **Version Control:** Git

Education:

2021–202x - Bachelor's Degree student in Computer Science (~80/120 credits),
The Open University of Israel

IT Certifications:



Exam Scheduled

Spoken Languages Levels:

English – Advanced, Hebrew – Native, Russian – Native