

# Curriculum Vitae

**Samuel Albershtein (IT | Systems Administrator)**

Cell phone: +972-52-615-4409

E-Mail: [sam.albershtein@gmail.com](mailto:sam.albershtein@gmail.com)    [Sam's AWS Personal Website](#)

## About Me:

I am a **third-year Computer Science student** at the Open University of Israel, seeking a **full-time or part-time position**. My studies at the Open University allow me the **flexibility to work full-time**.

I have a keen interest in **systems architecture**, both at the infrastructure and operational levels. As a **detail-oriented associate Systems Administrator**, I am currently building a foundation in **Linux systems, cloud infrastructure, and workflows** through projects I have completed as part of my CS degree and **self-motivated studies**. These include **Python, Bash, Ansible, CI/CD, Prometheus, Networking** and more..

## Education:

2021–2025 - Bachelor's Degree in Computer Science (~80/120 credits), The Open University of Israel

## IT Certifications:

**RHCSA - Red Hat Certified Systems Administrator** - Equipped me with essential Linux expertise.

**HashiCorp Terraform Associate** - Terraform's best practices and functionalities.

## Projects:

### AWS Serverless Website Project

- **Designed and implemented** a serverless **3-tier architecture** on AWS, using **Python** for the backend.
- **Configured API Gateway** for handling **POST, GET, and OPTIONS (CORS)**, routing to **Lambda functions** integrated with **DynamoDB** (page view tracking), **CoinMarketCap's Crypto API**, and **SES** for secure email delivery.
- **Secured file storage** in a **private S3 bucket** with **RSA-signed CloudFront URLs** for secure CV access, distributed via **CloudFront**.
- **Implemented HTTPS** and **custom domain integration** ([samuelalber.com](http://samuelalber.com)) using **AWS Certificate Manager** and **Cloudflare**.
- **Automated infrastructure provisioning** with **Terraform** and facilitated **CI/CD pipelines** with **GitHub Actions** for frontend deployment.

### ECS-Based Multi-Environment Infrastructure with GitLab CI/CD

- Developed a scalable ECS infrastructure for **dev** and **prod** environments, integrated with an Application Load Balancer (ALB).
- Implemented a robust **GitLab CI/CD** pipeline to automate **Docker image builds, ECR pushes, and ECS service updates for Fargate**.

---

## Spoken Languages Levels:

**English** – Fluent    |    **Hebrew** – Native    |    **Russian** – Native