

# Curriculum Vitae

**Samuel Albershtein**

Cell phone: +972-52-615-4409

E-Mail: [sam.albershtein@gmail.com](mailto:sam.albershtein@gmail.com) My IT Portfolio: [Sam's AWS Resume](#)

## Experience:

### **AWS Serverless Website Project**

- **Designed and implemented** a serverless architecture using AWS, showcasing expertise in cloud computing and modern infrastructure design.
- **Integrated** services such as **API Gateway** (handling POST, GET, OPTIONS for CORS), **DynamoDB** for page view tracking, and **SES** for secure email delivery.
- **Developed** a Python-based backend for cryptocurrency tracking using CoinMarketCap's API.
- **Enabled secure CV access** via RSA-signed CloudFront URLs stored in a private S3 bucket, emphasizing proficiency in security best practices.
- **Configured** a custom domain ([samuelalber.com](http://samuelalber.com)) through **Cloudflare**, leveraging **AWS Certificate Manager (ACM)** for HTTPS and DNS integration.
- **Automated** infrastructure provisioning and deployment using **Terraform** and set up **GitHub Actions** for CI/CD pipelines, facilitating efficient frontend deployment to an S3 bucket.
- **Gained hands-on experience** with 3-tier architecture, IAM roles, and CORS handling, solidifying knowledge in key AWS services.
- **Consolidated self-taught knowledge and certifications** (RHCSA, AWS SAA, Terraform Associate) with practical application, and planning to expand skills further using Kubernetes and advanced CI/CD techniques.

### **Advanced Java (OPENU)**

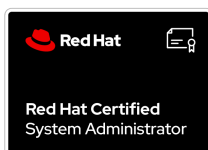
- **Developed** JavaFX-based GUI applications using hashtables and **OOP** concepts.

---

## Education:

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

## IT Certifications:



## Spoken Languages Levels:

English – Advanced, Hebrew – Native, Russian – Native