

## Contact

zyadsober@gmail.com

www.linkedin.com/in/zyad-sober  
(LinkedIn)

## Top Skills

Python

Docker

Amazon Web Services (AWS)

## Languages

English (Native or Bilingual)

Arabic (Native or Bilingual)

## Certifications

AWS Certified Developer –  
Associate

AWS Certified SysOps Administrator  
– Associate

AWS Certified Solutions Architect -  
Associate

AWS Certified DevOps Engineer –  
Professional

AWS Certified Security – Specialty

## Publications

Pairs trading strategy: a  
recommendation system

# Zyad Sober

Senior Developer at GlobalLogic UK&I  
London, England, United Kingdom

## Experience

GlobalLogic UK&I

2 years 11 months

Senior Developer

January 2021 - Present (1 year 11 months)

London, England, United Kingdom

Python Developer

January 2020 - January 2021 (1 year 1 month)

London, England, United Kingdom

Mawdoo3.com

2 years 2 months

DevOps Engineer

November 2018 - December 2019 (1 year 2 months)

Amman Governorate, Jordan

- Developing and Administering AWS resources and policies. Experienced in IAM, S3, EC2, Load Balancing, Auto scaling, ElastiCache, RDS, ElasticSearch, EKS, ECS, ECR, CloudFormation, API Gateway, Lambda, SQS, SNS, SES, Route53, VPC, Cloudfront, and Billing. Reduced AWS costs by 60% while improving availability and failure tolerance. Earned the AWS Solutions Architect Professional certificate

- Developing and Administering Kubernetes clusters across staging and production

- Developing and Administering Jenkins and ArgoCD as CI/CD tools using the GitOps method

- Github Administrator

- Setup and Administration of on-premise cluster for GPU acceleration enabled virtual machines (Proxmox)

- R&D for real-time Text to Speech Synthesis (PyTorch)

Software Engineer

November 2017 - October 2018 (1 year)

Amman Governorate, Jordan

- Developing a microservice framework for standardizing and accelerating microservice development
- Building microservices backed by AI (Python/Flask/Docker)
- Developing an API to manage user data for a voice assistant app (API Gateway/Lambda/Python)
- Managing Various AWS resources
- Guiding Data Scientists towards implementing best practices in Software Engineering
- Maintaining the AI API service portfolio website (Angular 6)

## Savernake Capital

### Junior Developer

September 2016 - October 2017 (1 year 2 months)

Cambridge, United Kingdom

Planned, built, deployed and supported:

- Real-time Order management software.
- Dynamic trading algorithm strategies.
- Real-time Risk management software ensuring a constantly balanced portfolio within risk limits.
- A best in class, Real-time dashboard for monitoring trading positions, risk reporting and modelling, performance tracking, generating audit reports, in-depth analysis and breakdowns of all trading activity.
- FIX protocol connections to an array of brokerage firms for price feeds and sub millisecond trade execution.

Responsibilities:

- Ensuring system 24/5 up-time during market open hours.
- Maintaining, updating and optimizing production and backup databases, including database replication for backup and reporting servers.
- Maintaining production and redundant dedicated server machines across the world.
- Collaborating with external brokerage firm's technical teams and ensuring continuous two-way compliance.
- Managing for the web development team

Savernake Capital is an Emerging Investment Manager specialising in Artificial Intelligence innovation. It allows users to trade in the foreign exchange market by using its automated systems, mathematical models and artificial intelligence systems.

## Hauptshy Establishment For Electronics

4 months

### Software Developer

August 2015 - September 2015 (2 months)

Amman Governorate, Jordan

- Developed C# classes to communicate with IP video cameras and NVRs.
- Improved existing VMS software to incorporate additional input sources, retrieve media files from NVR's for offline use.
- Linking C# form interfaces to backend relational SQL databases.
- Prepared and presented demos for video surveillance and perimeter security software.

Hauptshy is a system integrator specialized in Physical Security Information Management -PSIM platform solutions, the firm is dedicated to providing engineering-based powerful custom solutions, designed to integrate and control multiple security applications and devices through one comprehensive user interface.

### Software Developer Trainee

June 2015 - August 2015 (3 months)

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## Education

### Princess Sumaya University For Technology

Bachelor of Science (BSc), Computer Science · (2012 - 2016)

### Islamic Scientific College

Tawjihi, Scientific Stream · (2006 - 2012)