

SHIRA SONIGO

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SUMMARY

Experienced Software Engineer and Designer, with 9+ years of experience in varied fields such as leadership, cloud architecture, software development, and product management. Currently pursuing a master's degree in Innovation Design Engineering, I'm passionate about exploring the intersection of technology, creativity, and meaningful impact. Excited to join a new team where I can contribute my skills while further developing my expertise.

EXPERIENCE

Senior Software Engineer - Forter UK (Ecommerce Fraud Detection) 2022-2025

- Re-engineered the company's observability solution, enhancing system monitoring and performance through a comprehensive migration from the legacy monitoring stack to an advanced platform using technologies like Elasticsearch, Prometheus, Grafana Stack (Mimir, Loki), and Quickwit.
- Developed and executed a multi-year team roadmap, aligning engineering efforts with strategic goals.
- Played a critical role in diagnosing and resolving infrastructure issues, ensuring high system reliability and uptime.
- Designed, developed, and maintained DevOps tools to optimize developer workflows and platform engineering.
- Led the end-to-end design and implementation of a multi-cloud infrastructure project, successfully duplicating all AWS resources on Azure to improve scalability and reach more customers.

Cloud Solution Architect - Digital Department, IDF 2020-2022

- Led the transformation of army applications to digital platforms, streamlining processes within units and significantly enhancing their efficiency and effectiveness.
- Designed and implemented comprehensive public cloud infrastructure across all units, ensuring scalability and alignment with operational needs.
- Planned and executed security measures, monitoring systems, web tier configurations, and budgets, adhering to project requirements and military regulations.
- Developed centralized hub services tailored to project needs, utilizing Node.js and GraphQL.
- Diagnosed and resolved cloud failures, ensuring operational continuity through timely support and troubleshooting.

Engineering Manager and Product Designer - Digital Department, IDF 2018-2020

- Led a team of six programmers to deliver a high-scale, end-to-end web application using Agile development methodologies.
- Collaborated closely with application clients to identify issues and design comprehensive solutions tailored to their needs.
- Designed and implemented Microservices Architecture on Azure Cloud, leveraging CI/CD pipelines for containerized applications using Docker.
- Developed robust backend systems using Node.js and SQL, ensuring scalability and reliability.
- Honored by Brig. Gen. for innovation and advancing cloud-based development practices.

SKILLS AND TECHNOLOGIES

Languages - Python, JavaScript, Ruby, C++

Platforms & Tools - Docker, Kubernetes, Consul, Helm, Git, Jenkins, Chef, Terraform, Prometheus, Grafana Stack, AWS, Azure

Databases - PostgreSQL, Elasticsearch, MongoDB

Additional Skills - CAD modeling, Arduino, creative coding, 360° Videos

EDUCATION

MSc innovation design engineering - Imperial College London 2024-2026

MA innovation design engineering - Royal Collage of Art London 2024-2026

B.Sc. in Computer Science - College of Management Academic Studies Israel, 2018-2021

Outstanding entrepreneurial final project honor

VOLUNTEER

Etgarim Association Israel 2022-2025

LANGUAGES

English - Fluent
Hebrew - Native