

Arsany Samuel

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Experience

MAR 2023 - PRESENT

“DevOps Engineer”
Noury AG. (Switzerland - Remote)

- **DevOps Engineer (Jul 2023 - Present)**
 - Developed CI/CD pipelines for multiple project types, ensuring fast and reliable deployments.
 - Containerized applications with Docker and managed deployments using Kubernetes and Helm.
 - Architected and managed cloud infrastructure on GCP using IaC, with focus on security, access control, and cost optimization.
 - Implemented observability and monitoring systems to ensure service health and performance.
 - Oversaw version control, integrations, and development process to enable scalable collaboration.
 - Improved developer experience by streamlining tools, workflows, and environment setup.
- **Software Developer / DevOps Engineer (Mar 2023 - Jun 2025)**
 - Contributed in Designing and implementing a robust backend application for the Noury's mobile app using Django Rest Framework, ensuring seamless and scalable API integrations.
 - Created and customized an ERP solution using Frappe/ERPNext, integrating and synchronizing data with multiple third-party sources to enhance operational efficiency.
 - Provided mentorship to interns and team members, offering guidance on best practices and technical skills to foster professional growth and ensure successful project delivery.

Nov 2024 - MAY 2025

“Software Developer / DevOps Engineer”
Ur-Store Systems AG. (Switzerland - Contract)

- Led the backend team and contributed to the implementation of an API backend and ERP system for a reliable, modular platform for unattended retail
- Built a cloud infrastructure on GCP using IaC, CI/CD, containerization and orchestration config for the whole system
- Launched 3 successful client projects (unmanned stores) on new platform in first 6 months

JUN 2021 - MAR 2022

“Software & Mechatronics Engineer”
Specialist Company for Engineering Solutions. (Alexandria, Egypt)

- Developed machine vision applications and user-friendly GUIs that integrates with SQL databases and other devices using network/serial communication.
- Designed mechanical and electronic circuits, including PCB layout.

Skills

• Software

Programming Languages: Python, Bash/Shell scripting, C, C++, Javascript, SQL

DevOps & Cloud Tools: Linux, Git, Docker, Kubernetes, Terraform, Helm, GitHub Actions, Bitbucket Pipelines, GCP, AWS

Development Frameworks: Django, DRF, Flask, Frappe/ERPNext, Qt, OpenCV

Markup Languages: Markdown, L^AT_EX, HTML/CSS.

Other Tools: EagleCAD, KiCAD, Circuit design, Microcontrollers, SolidWorks

Projects

NOURY CONSUMER APP

- Designed and developed a scalable backend REST API using Django Rest Framework to support Noury's consumer mobile application.
- Optimized CI/CD pipelines and automated deployment processes using Docker for containerization and Kubernetes for orchestration, enhancing release efficiency, scalability, and minimizing downtime.
- Implemented monitoring and logging strategies to maintain API performance and reliability.

NOURY RESOURCE PLANNING

- Engineered a customized ERP system using Frappe/ERPNext, designed to streamline internal operations and enhance business efficiency.
- Implemented advanced data synchronization techniques to integrate multiple third-party data sources and APIs, ensuring real-time updates and accurate information across systems.
- Customized ERP modules and workflows to meet specific business needs, including automated reporting and process automation to improve operational efficiency.
- Optimized system performance and scalability, adapting the ERP solution to support growing business demands and evolving requirements.

UR-STORE PLATFORM

- Led the backend team and contributed to the implementation of an API backend and ERP system for a reliable, modular platform for unattended retail.
- Built a cloud infrastructure on GCP using IaC, CI/CD, containerization and orchestration config for the whole system.
- Launched 3 successful client projects (unmanned stores) on new platform in first 6 months.

Training and Certifications

FEBRUARY 2026	“Professional Cloud Architect” <i>Google</i> credly.com/badges/7ef1d890-0bdd-4124-b552-d74fefaf5ebbb/public_url
JUNE 2025	“Associate Cloud Engineer” <i>Google</i> credly.com/badges/515940bf-b2cd-4879-9306-2c6c4f411098/public_url
APRIL 2023	“Agile Explorer” <i>IBM</i> credly.com/badges/7b1b3f1f-edc3-4ffd-9328-7c55b4078b57/public_url
MARCH 2023	“Thinking and Creating with Code” <i>EPFL Extension School</i> learn.extensionschool.ch/verify/Vq0zb0AyD9pl
SEPTEMBER 2022	“CS50x” <i>Harvard University</i> certificates.cs50.io/fe015e39-3d8e-48ad-a13b-4177ec41e108.pdf
JULY 2021	“CSWE: Certified SolidWorks Expert - Mechanical Design.” <i>Dassault Systèmes</i> C-6NMDPAQ9UE

Education

2016 - 2021	“B.S.E. in Agricultural Engineering” <i>Faculty of Agriculture, Alexandria University</i>
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