Yaakov Haimoff

Software Engineer

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in [Yaakov Haimoff](#)

PROFILE

Motivated and detail-oriented Backend Software Engineer with hands-on experience in Python development, RESTful API design, and server-side implementation in distributed Linux environments. Expanding expertise in cloud infrastructure and scalable microservices. Passionate about writing maintainable, production-ready code and contributing to impactful products.

TECH STACK

Python | Linux | Docker | K8S | AWS (EC2, S3, IAM, VPC)

PROFESSIONAL EXPERIENCE

Software Engineer

LiveU | 2024 – Present

- Play a key role in the backend team for the **Ingest product**, a mission-critical server responsible for automatic video recording, metadata enrichment, and seamless newsroom computer system integration.
- Gained experience with multiple products (Ingest & MMH servers), working with hardware units, and managing data ingestion, control workflows, and system operations.
- Designed and developed new features, focusing on improving the user experience and system efficiency.
- Conducted unit and integration testing and actively debugged issues to ensure smooth functionality.
- Collaborated closely with the automation testing team to develop and integrate robust automation tests for new features and bug fixes.
- Refactored existing code to improve readability and maintainability.

EDUCATION

B.Sc. in Computer Science | Hadassah Academic College | 2020 – 2023

Projects

- **AYCF Flight Finder App (Python, Selenium, Flask)**
  Built a web application that automates flight searches for Wizz Air's "All You Can Fly" program. Developed backend logic using Selenium to scrape flight availability and pricing and exposed the data via a Flask API.
- **Work Scheduler App (React, Python)**
  Built a scheduling tool with a React frontend and Python backend to manage shift assignments and resolve conflicts.

Additional training

- **AWS Technical Essentials (Coursera):** Covered core AWS services (compute, storage, IAM) and cloud architecture fundamentals.
- **Scalable Microservices for Developers (Coursera):** Covered API development with Spring Boot and key microservices concepts including service decoupling, deployment, scalability, and resilience.

IDF, Palsar 401 Unit (Military Service) | 2016 – 2019