# YAAKOV HAIMOFF

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## Software Engineer

**PYTHON | JAVA (Spring Boot) | LINUX | DOCKER | KUBERNETES | AWS (IAM, EC2, S3, VPC)**

software developer Proficient in PYTHON, JAVA, and cloud technologies. Holds a B.Sc. in Computer Science and brings expertise in problem-solving, collaboration, and delivering scalable software solutions.

## WORK EXPERIENCE

**Software Engineer | LiveU** – Kfar Saba, Israel                                                                 2024–2025

- Developed backend features in **Python** for LiveU's Ingest and MMH video servers, including support for multi-camera ingest sessions, Marquis integration, and metadata trimming logic.
- Led development of **S3** export functionality for live video segments, ensuring accurate manifest generation and eliminating race conditions in multi-threaded environments.
- Investigated and resolved complex issues by analyzing production bugs by tracing logs, debugging code, and implementing clean, reliable fixes.
- Wrote automated integration tests in Python, collaborating closely with QA to maintain robust feature coverage and prevent regressions.
- Operated in a Linux server environment, regularly compiling and executing production code directly on physical units to verify integration with hardware.
- Contributed to internal infrastructure initiatives by deploying the product in **Kubernetes** and demonstrating **Prometheus** pod monitoring to the infrastructure team.
- Actively participated in planning sessions with product managers and testers to align technical solutions with user needs and system capabilities.
- Refactored legacy components to improve code maintainability and system performance.

## PROJECTS

**AYCF Flight Finder App (Java, Spring Boot, Selenium)** – [GitHub](#)                                         2025

- Developed a flight search automation tool for Wizz Air's All You Can Fly (AYCF) program using **Java** and the **Spring Boot framework** with **Selenium** for browser automation. Built RESTful APIs, containerized with **Docker**, and deployed to **Render** for public access.

## EDUCATION

**Bachelor of Science (B.Sc.) in Computer Science** – Jerusalem Multidisciplinary College                 2020–2023

**"Docker & Kubernetes: The Practical Guide"** - Udemy course                                                     2025

- Covered containerization with Docker and orchestration with Kubernetes, including image creation, container networking, volumes, deployments, and managing clusters in production environments.

**"AWS Technical Essentials"** - Coursera course                                                                 2025

- Covered core AWS services (compute, storage, IAM) and cloud architecture fundamentals.

**"Scalable Microservices for Developers"** - Coursera course in Java Spring Boot                             2025

- Covered API development with Spring Boot and key microservices concepts including service decoupling, deployment, scalability, and resilience.