

SERHII HAPII

Seasoned Software Engineer, Engineering Lead.

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Education

Lviv State Institute of Modern Technologies and Management Named After V. Chornovil

2008 - 2011 | Lviv, Ukraine

Information Security Management

Lviv Polytechnic National University

2011 - 2012 | Lviv, Ukraine

Information Security Management, BSc

Skills

Programming Languages

Java, Python, JavaScript, TypeScript, Clojure, Bash

Backend

Microservices, DropWizard, Micronaut, Spring, FastAPI, Flask, SQL, NoSQL, Redis

Frontend

React, Next.js, Sass/SCSS, Tailwind CSS, SPAs, SSG

Big Data

Hadoop, Spark, Kafka, NoSQL, EMR, Athena, Airflow, Luigi, ETL, Data Warehouse

DevOps and Infrastructure

AWS, GCP, Ansible, Chef, AWS CDK, Terraform, Docker, OpenTelemetry

Experience

Software Engineering Consultant, Part-Time

Feb 2024 - Present | DraftWise

- Joined the Series A startup to build AI-powered contract platform that assists law firms in procuring quality contracts.
- Driving end-to-end development, working across **frontend**, **backend**, and **infrastructure** components.
- Implemented features that reduced manual tasks for Customer Success and engineering teams.
- Developed enhancements to improve search results, delivering better context and insights on lawyer information.

Soldier

Mar 2022 - Aug 2024 | Armed Forces of Ukraine

- With the start of the full scale invasion of Ukraine, I volunteered to Ukrainian Armed Forces.
- Served on the battlefield.
- Joined a technological squad to lead IT projects for the Ministry of Defence.
- Spearheaded critical initiatives to enhance defense capabilities through technology-driven solutions.

Senior Software Engineer

Dec 2020 - Feb 2022 | Attendify, Hopin

- Developed new features from scratch for an event platform supporting live and online events.
- Engineered a **centralized logging** solution that streamlined system monitoring processes, resulting in a 40% reduction in troubleshooting time for developers, enhancing overall productivity in software deployments.
- Developed the new video group chat feature, and maintained WebRTC based video streaming.
- Strengthened system stability by contributing to the **alerting infrastructure**.
- Modernized the deployment process of legacy Python services using **Docker**.
- **Technologies:** Clojure, Aleph, Manifold, Postgres, Kafka, Ansible, ELK, Prometheus, Docker, Consul.

Attendify was acquired by Hopin, the industry leader, in July 2021.

Senior Software Engineer

Jan 2020 - Dec 2020 | Takeoff Technologies, Inc.

- Designed and launched a state-of-the-art robotic storehouse for the eGrocery platform, which handled over 2,000 orders daily, improving operational efficiency and reducing delivery times by 60% for online customers.
- Optimized data flow and system performance by integrating various technologies and tools.
- **Technologies:**
 - **Languages and Frameworks:** Clojure, ClojureScript, ring, compojure, Python, Django
 - **Data:** Apache Camel, ArangoDB, Postgres, ElasticSearch
 - **Infrastructure:** Google PubSub, Google Cloud Storage, Kubernetes, Prometheus

Software Engineer

Nov 2018 - Nov 2020 | Shareaholic, Inc.

- Engineered a large-scale **analytics platform**, driving the implementation of a robust data integration system combining **hundreds of data sources** and **terabytes of data**.
- Developed advanced analytics features, including anomaly detection, top N users, classification, segmentation, etc.
- Led migration of **Python 2** services to **Python 3**, ensuring modernization and future-proofing of the codebase.
- Established and enforced **code quality guidelines** and **best practices** to enhance development efficiency and maintainability.

Software engineer

Jan 2018 - Nov 2018 | Intelliarts Ltd.

- Created a **business enablement platform** supporting all operations (sales, billing, finance, HR, etc.) for a \$4B+ technology company.
- Developed the backend, comprising **hundreds of microservices** built with **Java 8** and **DropWizard**.
- The Platform is recognized by PCMag as one of the best CRM software of 2018.
- Technologies: **Amazon SQS**, **Apache Kafka**, **MySQL**, and **Vitess**.

Software engineer

Jan 2017 - Jan 2018 | Reltio

- Developed **search** and **export** solutions for **Reltio Cloud**, a modern **MDM PaaS**.
- Leveraged **NoSQL**, **search**, and **messaging** technologies to integrate heterogeneous customer data.
- Maintained legacy components while building new solutions using cluster computing technologies like **Apache Spark**.

Software engineer

Jul 2016 - Dec 2016 | EPAM Systems

- Facilitated the development of a **data lake** for a global healthcare leader, using **Hadoop ecosystem**.
- Collaborated with the customer **on-site** during the first month of the project.

Software engineer

Apr 2012 - Jun 2016 | Intelliarts Ltd.

- Implemented automated test environment for a **digital marketing** company.
- Developed a **data analytics system** using **Hadoop MapReduce** and alternative cluster computing systems.

Languages

English

Work proficiency

Ukrainian

Native

Polish

Elementary

Greek

Elementary
