

Stefan Zaharie

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github.com/oxygen-consumer | git.zaha.tech/zaha | zaha.tech/public-key.gpg

TECHNICAL SKILLS

Languages: Java, Python, SQL (PostgreSQL), C/C++, JavaScript, Typescript, HTML/CSS

Frameworks: Spring Framework, Spring Boot, Spring Security, Hibernate, Micronaut, Angular, React

Technologies: Git, Docker, Keycloak, Tomcat, Maven, Gradle, Jenkins

Systems & Networking: Linux Administration, Linux Networking, Nginx, VLANs, Firewall Administration, VPN (WireGuard), DNS/DHCP, TCP/IP

EXPERIENCE

Software Engineer

Sep. 2024 – Present

SIVECO Technology

Bucharest, Romania

• Project: AISIV

- * Spearheaded the ground-up architecture and execution of a complex, multi-tiered system, proactively assuming technical lead responsibilities from initial design through to final deployment.
- * Coordinated technical delivery across multiple concurrent subprojects, mentoring junior engineers and driving code quality for a mid-sized development team.
- * Managed the end-to-end deployment pipeline using Docker and Tomcat across multiple on-premise environments, ensuring seamless integration and high system stability.
- * Bridged the gap between engineering and business stakeholders by facilitating direct client communications, gathering technical requirements, and delivering pre-sales support, which resulted in project scope expansion and successful client onboardings.

• Project: HIVEMIND

- * Collaborated with international partners to design and integrate the core architecture for a multi-country R&D project.
- * Gathered partner requirements and successfully defined the specifications for main user interfaces, core cross-service communication, and IAM across a microservices architecture.

• Project: AIAM

- * Rapidly onboarded onto a complex legacy codebase, taking full technical ownership and serving as the primary subject matter expert for the project.
- * Implemented comprehensive audit logs and trails within a custom IAM microservice responsible for managing identity and access controls for government institutions.

Software Engineering Intern

Jul 2024 – Aug. 2024

SIVECO Technology

Bucharest, Romania

- Developed a responsive web application interfacing with a complex RESTful API, leveraging the Spring Boot and Angular frameworks.
- Exceeded internship expectations by designing and implementing a WMTS layer rendering service in Spring Boot utilizing Java Graphics.
- Architected the foundational groundwork and initial infrastructure that later evolved into the large-scale AISIV project.

EDUCATION

University of Bucharest

Bucharest, Romania

Bachelor of Science in Computer Science

Expected graduation: July 2027