Andrei Isvoran

Timisoara, Romania | +40 745 106 316 | isvoranandrei96@gmail.com
linkedin.com/in/andrei-isvoran | github.com/andrei-isvoran96

Summary

Senior Software Engineer with 8 years of experience building large-scale, cloud-native systems across Java, Spring Boot, and modern frontend stacks. Specialized in modernizing legacy platforms, architecting microservices, and driving system reliability through strong DevOps practices. Led migration initiatives, designed rule engines, improved document processing accuracy, and mentored engineering teams to deliver high-impact features.

Experience

Senior Fullstack Software Engineer, EPAM / Team.Blue – Timisoara, Romania   Sept 2024 – Present

- Contributed to the company-wide migration of a 20+ year monolithic PHP platform into a modular Java microservices architecture, improving maintainability and deployment reliability.
- Led the design and implementation of a Drools-based validation engine supporting multi-brand account creation flows, reducing onboarding inconsistencies.
- Integrated with eCollect to automate debt recovery processes, reducing manual intervention and speeding up unpaid invoice handling.

Senior Software Engineer, EPAM / Knecon AG – Timisoara, Romania   Jul 2023 – Sept 2024

- Built a redaction management platform (RedactManager) used for secure PDF operations.
- Architected a Drools system enabling dynamic, user-defined rule execution.
- Implemented ML/algorithmic improvements achieving 98% accuracy in header/footer detection on thousands of PDFs.
- Mentored junior developers through code reviews and pair programming.

Software Engineer, EPAM / Wayfair – Timisoara, Romania   Aug 2021 – Jul 2023

- Designed and delivered an internal visibility platform processing data from 1000+ microservices, improving fault detection speed across teams.
- Unified observability data from Kibana, Datadog, Sonarqube, and GitHub, reducing time-to-diagnose incidents by enabling a single-pane-of-glass view.
- Built a graph-based system mapping interservice dependencies, accelerating root-cause analysis during outages.

Software Engineer, Canon – Timisoara, Romania   Aug 2019 – Jun 2021

- Enhanced PRISMASync, Canon's professional printing workflow solution, improving reliability and user productivity.
- Developed workflow orchestration features including job scheduling, task creation, and automation flows used across enterprise printing environments.

Software Engineer, Lasting Software – Timisoara, Romania   Jun 2018 – Aug 2019

- Built a Java-based automated testing platform that reduced manual QA efforts and improved regression reliability.
- Implemented core test execution and reporting components used across multiple internal projects.

Projects

SleekResume – Modern Resume Builder   GitHub / Live

- Developed a modern resume-building application supporting PDF/PNG export.

Skills

- **Backend:** Java, Spring Boot, Hibernate, JPA, REST, GraphQL, Kafka, RabbitMQ, JMS
- **Frontend:** React, Tailwind CSS, Javascript/Typescript
- **DevOps / Cloud:** Docker, Kubernetes, AWS, Jenkins, GitLab CI/CD, Helm, Keycloak
- **Databases:** PostgreSQL, MongoDB, Oracle, MySQL, Redis
- **Testing:** JUnit, Mockito, Testcontainers, Karate
- **AI / Tooling:** MCP, Cursor, Prompt Engineering
- **Other:** OCR, PDFBox, PHP, Groovy, Python

Education

Politehnica University of Timisoara – BS in Computer Science   2015 – 2019