

Andrii P.

Senior Software Engineer

SUMMARY

- Over 9 years of experience in software development with a focus on Java 8/17 back-end applications, utilizing Spring Boot and HAPI FHIR frameworks.
- Proficient in designing and developing APIs, business logic, and database solutions using PostgreSQL, Kafka, Docker, and Liquibase in healthcare and finance sectors.
- Strong expertise in object-oriented design, design patterns, and software development lifecycle within Agile methodologies including Scrum and Kanban.
- Hands-on experience with HL7/FHIR protocols and standards, contributing to protocol converter projects for healthcare applications.

TECHNICAL SKILLS

Main Technical Skills	Java, Spring Boot, Docker, PostgreSQL, FHIR
Programming Languages	Java
JavaScript Libraries and Tools	Hapi.js
Java Libraries and Tools	Jakarta
Java Frameworks	Spring, Spring Boot
Databases & Management Systems / ORM	Liquibase, MongoDB, MySQL, PostgreSQL
Methodologies, Paradigms and Patterns	Agile, Kanban, Scrum
SDK / API and Integrations	API
Virtualization, Containers and Orchestration	Docker
QA, Test Automation, Security	Integration Tests, Postman, Unit Testing
Third Party Tools / IDEs / SDK / Services	IntelliJ IDEA, Microsoft Visual Studio Code
Message/Queue/Task Brokers	Kafka
Logging and Monitoring	Prometheus
Operating Systems	Ubuntu, Windows

Other Technical Skills	HL7, ISIK1, ISIK2, ISIK3, ISIP, jslt, R4, R5
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WORK EXPERIENCE

Software Engineer, Compu Group Medical (Healthcare's sector application)

Duration: 50 months

Summary: Development of a protocol converter to HL7/R4/R5/ISIK1/ISIK2/ISIK3/ISIP standards, facilitating interoperability and data exchange in healthcare systems. The project aimed to support healthcare providers by enabling seamless communication between different health information systems.

Responsibilities:

- Developing API
- Developing business logic
- Implementing unit and integration tests
- Researching business logic
- Software designing, research and analysis for system design
- Software certification

Technologies: Java17, Spring Framework, HAPI FHIR, PostgreSQL, JSLT, Docker, Liquibase, Postman.

Software Engineer, Application for finance sector

Duration: 38 months

Summary: Development of an application intended to provide finance services, supporting various financial operations and transactions. The project involved designing and implementing backend services to ensure reliable and efficient financial data processing.

Responsibilities:

- Developing API
- Developing business logic
- Implementing unit tests
- Researching business logic
- Database design and implementation with application
- Software designing, research and analysis for system design

Technologies: Java8, Spring, PostgreSQL, Kafka, Docker.

EDUCATION

- **System analyst engineer**

State University, Dnipro Faculty Of Electronic computing machines (computers)

