Andrew Sklyarov

ObjectScript Developer | Interoperability Expert

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SUMMARY

My major skill is app integration and data flow development on the InterSystems IRIS Data Platform (Interoperability). I develop high-load, mission-critical software. My coding background on Cache ObjectScript includes hundreds of data flows, thousands of business hosts, dozens of APIs, and other solutions on InterSystems IRIS. I worked to integrate such applications as SAP S/4HANA, Oracle Siebel, SAP Commerce Cloud, many custom apps, and all that can be integrated. I have also gained experience in various areas, including SQL, Java, Docker, IRIS Administration, Apache Kafka, etc.

SKILLS

IRIS Platform | IRIS for Health | Interoperability | Cache ObjectScript | ETL | API | ESB | Java | SQL | Mobile | Apache Kafka

PROFESSIONAL EXPERIENCE

Tabcorp   Melbourne, Australia
Gambling company

Senior Software Engineer (Jan 2025 - Present)

Development of a high-load application on the InterSystems IRIS Data Platform for use as the integration layer and as a system for reporting. I was involved in the implementation of the following features:
- Load raw data from Apache Kafka topics (up to 7000 RPS)
- Decoding from the Protobuf format and normalizing data
- Converting messages into Avro format and uploading to other Kafka clusters
- Integration with AtScale via API
- API design (OpenAPI) and implementation
- Unit test development

Aroma Tech   St. Petersburg, Russia
Retail of cosmetics and perfumery

Senior Integration Developer | Senior Technical Architect (Feb 2013 – Present)

In this company, I created the biggest InterSystems IRIS implementation as an ESB (Enterprise Service Bus). My codebase, principally on Cache ObjectScript, comprises approximately 800 data flows, API endpoints, and clients for external APIs. Over 50 systems integrated into a single platform on the IRIS cluster (using mirroring technology), handling up to 350 RPS of inbound requests and transmitting 3 TB of messages weekly.

The largest projects on the InterSystems IRIS Data Platform where I was involved in different roles (developer, team lead, technical architect):

- Migration legacy Ensemble to InterSystems IRIS 2024: deployed mirrored failover, achieved zero message loss, and maintained 99.9% interface availability
- Loyalty programs processing (API): more than 1000 POS terminals, up to 300 RPS, 24/7 availability; backend - Oracle Siebel CRM, frontend - Set Retail 10
- Integration of the SAP S/4HANA: I developed a server and client for IDoc processing based on SAP JCo lib (Java), and built around 50 data flows
- Implementation of the SAP Commerce (SAP Hybris and SAP Marketing): I used SOAP, REST APIs from outside the SAP, and JDBC access to get data from our other systems
- Integration with marketplaces such as Amazon, Sbermarket, Ozon, Wildberries, and so on. Mainly, this was transferring JSON data over REST APIs

I'm also responsible for troubleshooting and resolving information transmission issues, monitoring (using Zabbix and ELK Stack), notifications, and optimizing processes.

EDUCATION

Platov South-Russian State Polytechnic University   Russia
Bachelor's degree (1998 - 2003)
- Information Technology

ADDITIONAL INFORMATION

- Languages: English (Intermediate), Russian (Native)
- Time zone: Bangkok, GMT +7
- Active member of the community, one of the winners Developer Tools Contest 2025