Riot Games Modernized Legacy Systems, Enhanced Player Experience

Company	Industry	Headquarters	Project Start
Riot Games	Gaming	Los Angeles	2012

Project Summary

Riot Games needed to scale its engineering team quickly while maintaining quality and innovation. X-Team provided senior-level engineers with expertise in critical technologies, helping Riot modernize legacy systems, integrate emerging technologies like large language models (LLMs), and deliver scalable solutions that enhance player experiences and bring products to market faster.

It's very easy to scale software nowadays, but it's very difficult to scale an organization quickly, and X-Team makes this problem look very easy for us. It's amazing.

Himeet Gudhka, Engineering Manager, Localization Technology Team, Riot Games

Client

Riot Games is a leading video game developer and publisher known for League of Legends and Valorant. Beyond gaming, it has expanded into entertainment with the critically acclaimed Netflix series Arcane and operates a major esports ecosystem, including the Worlds Championship, which attracts over 70 million viewers.

Challenge

Riot needed to scale its engineering team to support a growing global player base while modernizing legacy systems, including migrating its Riak database and Solr search engine. At the same time, Riot explored emerging technologies like LLMs to improve localized content.

Services

Since 2012, X-Team has provided Riot Games with over 120 senior engineers skilled in Linux, AWS, Java, Kafka, React, and Gatsby. These engineers seamlessly integrated with Riot's teams, modernized legacy systems, developed automation tools, and explored LLM applications.

Results

Legacy System Modernization
X-Team engineers migrated Riak and Solr systems ahead of schedule, resolving critical issues and enabling scalability for continued innovation.

Faster Content Delivery
LLM integration enabled faster, more efficient localized content creation, improving SLA performance and accelerating product launches.

Enhanced Developer Workflows
X-Team engineers developed scalable automation tools that streamlined workflows, providing faster and easier integration options, reducing development time and increasing overall efficiency.