

IKER REDONDO

Software Engineer II

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SUMMARY

Software Engineer with more than 5 years of professional experience developing and maintaining high-performance, large-scale distributed systems used by millions of daily users, handling over 1 billion requests per day. Passionate about collaborating across teams to solve complex technical challenges and deliver high-impact solutions.

EXPERIENCE

Software Engineer II

Yahoo

05/2024 - Present Spain/Remote

Global media and tech company.

- Designed, implemented and deployed reliable AI Agents in production. Used state-of-the-art techniques like agent evaluations, structure outputs, agent memory and state management, Tool Calling, Human-in-the-loop, multi-agent orchestration, fast-recovery, streaming, UI-Agent integration and guardrails.
- Designed and implemented full-stack solutions for Yahoo's SSP and DSP integrations, involving development across UIs, APIs, and large-scale distributed cloud systems.
- Enhanced Yahoo's Ad Server reliability and performance by integrating Kayenta Canary Analysis CI/CD tool.
- Worked on AWS cost optimization initiative, resulting in a 50% reduction in cloud expenses through optimization strategies.

Software Engineer I

Yahoo

04/2020 - 05/2024 Dublin/Remote

Global media and tech company.

- Successfully migrated Yahoo's Ad Server to AWS with a focus on the presentation server. This component is responsible for loading the ads to the end users while recording the impressions, clicks and engagement. It is therefore a critical component on the Ad Server workflow, demanding best practices on software testing, resilience, recovery and incident management.

Software Engineer

Desert Star Systems LLC

01/2018 - 12/2018 California

Marine science company specialized in underwater positioning and communication systems.

- Developed an Android application that combined with an underwater communication device, addresses the issues with the North Atlantic Right Whale endangered species by eliminating the crab-fishing ropes that entangle these whales.
- Secured initial investors with a prototype, leading to a successful hire. Delivered the software, generating revenue and enabling Desert Star Systems to expand.

KEY SKILLS

Professional Experience

Python AI Agents LangGraph

AI Engineering

AWS Bedrock and Strands Java

Spring Android Javascript

React Rest API Ad Tech

JUnit SQL Gradle AWS

Kubernetes Docker UNIX

Shell DevOps CI/CD

Observability Git SOLID

FastAPI

EDUCATION

Computer Science

California State University MB, Senior year as exchange student

08/2017 - 05/2018 United States

- Multimedia programming with Python
- Competitive programming with C++ (Competed at ICPC Berkeley)
- Design and Analysis of Algorithms

Computer Science

University of the Basque Country, San Sebastian

2014 - 2017

- Calculus I&II (Honors distinction)
- Data Structures
- Software Engineering I&II
- Software Quality Assurance
- Advanced Web Development

LANGUAGES

English
C2 Proficiency ●●●●●

Spanish
Native ●●●●●