

# IKER REDONDO

## Software Engineer II

✉ +1 (650) 451-2910 ⓐ iker0592@gmail.com ⓒ linkedin.com/in/iker0592/

## 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

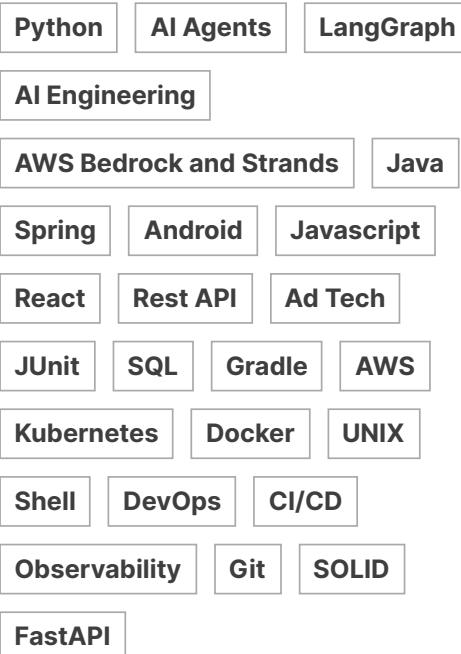
⌚ 01/2018 - 12/2018 ⚽ California

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



## 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

