

# Ivan Obeso Agüera

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Senior Backend Engineer — Cloud Architecture (AWS)

Lisbon, Portugal | Remote / Hybrid

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## Profile

Senior Backend Engineer with 15+ years of experience designing and building cloud-native systems, specializing in distributed and event-driven architectures on AWS. Strong expertise in backend platform development using TypeScript/Node.js and infrastructure-as-code with Terraform.

Experienced in designing greenfield architectures and delivering scalable backend platforms from concept to production. Proven ability to lead technical direction, mentor engineers, and translate product requirements into robust distributed systems.

## Experience

### Technical Lead / Founding Engineer — TicketSoft (Contract)

Remote | Jun 2024 – Feb 2026

Technical lead responsible for the architecture and backend development of a cloud-native ticketing platform enabling event organizers to issue and manage blockchain-based tickets.

Designed and implemented the full backend architecture using a serverless event-driven model on AWS (Lambda, API Gateway, DynamoDB, SNS, SQS). Infrastructure defined using Terraform.

Designed and implemented user authentication and authorization using AWS Cognito, enabling SSO across the platform and mobile applications.

Led a team of 5 developers and 1 designer, driving architecture decisions, engineering practices and delivery of the MVP.

Built two mobile applications (iOS and Android) using React Native and Expo and managed the full build and release pipeline using Gradle, Android Studio and Xcode.

Technologies: TypeScript, Node.js, AWS, Terraform, React Native, Expo, Stripe, Solana, Polygon, Ethereum, IPFS

## **Senior Cloud / Backend Engineer — Wunderman Thompson / VML (Contract)**

Remote | Jul 2023 – Apr 2025

Backend and cloud engineer working on a large-scale customer identity and loyalty platform for a global retail organization.

Designed and implemented event-driven integrations across CRM, loyalty platforms and backend systems using AWS serverless services: Lambda, Step Functions, SNS and SQS and deployed services using the Serverless Framework.

Collaborated with Satalia on the release of an internal LLM model builder using Python and GCP.

Participated in technical hiring by conducting backend engineering interviews.

Technologies: AWS, Lambda, Step Functions, SNS, SQS, TypeScript, Serverless Framework, Akamai, CloudWatch, Python, GCP

## **Senior Backend Engineer — Outplayed.com (Contract)**

Remote | Aug 2022 – Mar 2023

Worked on the backend infrastructure powering a real-time pricing platform used by thousands of users.

Maintained and extended a serverless architecture handling high-frequency updates using AWS Lambda and DynamoDB.

Implemented OAuth 2.0 authentication to secure platform APIs.

Technologies: TypeScript, Node.js, AWS, Lambda, SQS, SNS, DynamoDB, Terraform, GraphQL

## **Senior Backend Engineer — Big Town Chef / Coinburp (Contract)**

Remote | Aug 2021 – Aug 2022

Developed backend services supporting the Big Town Chef NFT game ecosystem.

Built backend infrastructure for minting workflows, staking systems and community engagement features.

Technologies: TypeScript, Node.js, PostgreSQL, Prisma, Docker, AWS, Solidity, Polygon

## **Senior Backend Engineer — WABCO**

Dublin, Ireland | Jan 2021 – Jul 2021

Worked on a serverless platform ingesting telemetry data from IoT devices deployed across fleet trucks.

Technologies: Node.js, TypeScript, AWS (Lambda, API Gateway, DynamoDB, S3, SQS, AWS IoT)

### **Senior Full-Stack Engineer — ConsenSys**

Dublin, Ireland | Aug 2018 – Dec 2020

Worked on Komgo, a blockchain platform used for commodity trade finance built on Ethereum.

Designed and implemented KYC features and document-sharing workflows across network participants.

Technologies: TypeScript, React, Redux, Solidity, Ethereum, Docker, AWS, Kubernetes

### **Earlier Experience**

EdgeVerve / Infosys — Distributed systems and blockchain research (Scala, Akka).

BAE Systems Applied Intelligence — Fraud detection software development.

Nortia Inteligencia de Negocio — Market segmentation platform development.

CTIC Technological Center — Research internship in NLP and semantic technologies.

Ingen10 — Embedded systems development with C/Assembler.

### **Education**

MSc in Computer Science — University of Oviedo

BSc in Computer Science — University of Oviedo

### **Core Technologies**

Backend: TypeScript, Node.js, Rust (learning)

Cloud & Infrastructure: AWS (Lambda, API Gateway, SQS, SNS, DynamoDB, ECS), Terraform, Docker, Kubernetes

Databases: PostgreSQL, DynamoDB, MongoDB

Testing: Jest, Vitest, Playwright

Frontend: React, Next.js