

# DANIEL MOYA

## Senior Software Engineer

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**Senior Software Engineer** with over **6 years of experience** in agile environments, specializing in building, improving, and maintaining scalable web services and mobile applications. Proficient in **JavaScript/Typescript (React, Astro, Next.js, and React Native)** for **frontend and mobile** development. On the **backend**, experienced in creating **REST** and **GraphQL APIs** and scalable services using **Node.js, Ruby, Golang and PHP**, with strong expertise in **MySQL, Postgres, Elasticsearch, Docker, Terraform and Kubernetes and AWS**. Possess excellent technical and non-technical communication skills, adept at working independently, and effectively managing schedules. A strong team player and contributor with advanced English proficiency (fluent)

### EDUCATION

UNIVERSITY OF MALAGA Malaga, Spain  
*Master's Degree in Acousting Engineering;* 2025-2026

UNIVERSITY OF MARGARITA Nueva Esparta, Venezuela  
*Bachelor's Degree in Computer Science;* 2015-2019

### PROFESSIONAL EXPERIENCE

#### WORLDS SPORTS GROUP - AHOTU (ENDURANCE EVENTS CATALOG)

##### Platform Software Engineer

**October 2024 - Present**

- Maintained core application features across frontend, backend, and storage layers, ensuring performance and reliability.
  - Provided mentorship and guidance to project team members, promoting best practices and supporting product growth.
  - Led and delivered impactful demos for commercial partners, contributing to substantial company value.
- Tech Stack:** Typescript, NextJs, GraphQL, Elasticsearch, Ruby, Github Actions, Postgres, AWS (EC2, RDS, ECS, S3, IAM, CloudFront, API Gateway, Lambda).

#### CURIOUS INC

##### PROJECT: ONDERWEG APP - Mobile Engineer

**Hengelo, Netherlands**  
**September 2020-September 2024**

- Led multi-disciplinary team to design, develop, and launch online e-learning app; prioritized and resolved 45 new features and bug fixes.
  - Promoted within 12 months due to strong performance and organizational impact (one year ahead of schedule)
  - Created more than 80% of features for the web application.
  - Expanded the app with a new module for e-learning with books, video lessons, quizzes, and exams for theory book providers, hence earning 3% revenue per item sold
- Tech Stack:** Javascript, Typescript, React Native, Java, Kotlin, Android, CircleCI, Fastlane

##### PROJECT: DATION DASHBOARD- Fullstack Software Engineer

- Designed a comprehensive migration strategy to cloud and microservices architecture, saving more than 60% in costs through unified resources.
  - which was instrumental in maintaining a key customer account.
  - Designed and built a recommendation algorithm for lesson appointment scheduling which increases driving school revenue and customer loyalty.
  - Engineered and implemented an advanced agenda system for driving school management, incorporating over 10 new features previously absent in the legacy system.
  - Boosted market positioning by refactoring 70% of outdated UI pages and features, resulting in a renewed version of the software.
- Tech Stack:** Javascript, Typescript, React, Firebase, Unix/Linux, Golang, Php, SQL, Postgresql, CircleCI, Docker, Kubernetes.

##### PROJECT: SBVO PORTAL - Fullstack Software Engineer

- Architected and developed from scratch over 80% of the main UI features of the web application.
  - Decreased bugs per release incidence by implementing end-to-end tests for comprehensive quality assurance, covering all core features of the application
  - Secured four additional project phase contracts after successfully showcasing and delivering the main features on schedule in the first phase.
- Tech Stack:** Javascript, CSS, React, Cypress, Firebase, Unix/Linux, PHP, SQL, Postgresql, CircleCI, Docker, GCP.

## H.A SYSTEMS

Caracas, Venezuela  
April 2020 - August 2020

### Data Engineer

- Implemented code integration, automated testing, staging, versioning, and deployment processes, significantly enhancing team productivity and accelerating goal achievement.
- Developed ETL pipelines to migrate DB2 database to cloud and improved by 90% the query performance and system reliability.
- Engaged with high-volume data systems, facilitating seamless interaction and proficiently conducted big data analysis to extract actionable insights

**Tech Stack:** Go, Github Actions, SQL, Spark, DB2, AWS, RDS, CloudWatch

## EMURGO

Tokyo, Japan  
August 2019- March 2020

### Software Engineer

- Reduced the time to load (TTL) for website content and assets by 50% through advanced optimization techniques.
- Boosted the traffic within a 3 months expected timeline.
- Improved the overall SEO Score for the website to 97% reaching better web search positioning.
- Created an e-commerce to strengthen commercial alliances and contribute to the company's brand positioning and revenue increase by 15% selling merchandise products

**Tech Stack:** HTML, Javascript, CSS, Vue, React, MobX, NodeJs, GraphQL, Webpack, Github Actions, Shopify, Google Analytics, Google Tag Manager, Chrome Lighthouse

## BICENTENARIO BANK

Caracas, Venezuela  
April 2019 - July 2019

### Software Engineer

- Reduced the time to completion of the project quantifying and estimating the total efforts and planning the roadmap for the execution of the credit batch processing project.
- Reduce technical debt within the organization documenting the system architecture for the credit batch processing project.
- Saved by 70% development and production infrastructure costs by estimating and reserving in advanced storage space and processing capacity required for query execution given a data set.

**Tech Stack:** RPG Language, SQL, DB2, IBM I Series

## ADDITIONAL INFORMATION

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- **Agile Tools:** Jira, ClickUp, Trello.
- **Languages:** English (fluent), German (basic), Spanish (native)
- **Interests:** API architecture, microservices, data modeling, observability, developer platforms