

# Daniel Moya

## Fullstack Software Engineer

### CONTACT INFO

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### SUMMARY AND OBJECTIVE

I'm a Full stack software engineer with 6 years of in office and **remote work experience** in the financial, mobility, e-learning, and SaaS industry, employing **agile environments** to collectively build, improve, and maintain stable software solutions turning legacy applications into modern architectures, while keeping code quality. I'm proficient in **web and mobile development** (Git, Github, Gitlab), **frontend** (Html, Css, Javascript, Typescript, React, React Native, Android, iOS), **backend** (NodeJS, Php, Symphony, Docker), **databases** (MySQL, MariaDB, Postgresql, MongoDB), **testing** (Jest, Cypress, Php unit, Codeception, Selenium), **DevOps** (CircleCi, Github Actions) and **cloud solutions** (Firebase, GCP, AWS).

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### SKILLS

#### Programming Languages

- Javascript
- Go
- Php
- Rust
- SQL
- HTML
- CSS
- C++
- Kotlin
- Java

### PROFESSIONAL EXPERIENCE

#### Brightstar Financial - Backend Software Engineer (Contract); USA

**Nov 2023 - Jan 2024**

##### Achievements:

- Build AI pipelines to suggest relevant data to be target per quarter.
- Implemented SQL, PostgreSQL databases to handle large-scale financial customer data.
- Worked closely with cross-functional teams to deliver timely and accurate software updates.
- **Tech Stack:** Python, Pytorch, Javascript, Rust, Kotlin, Google Cloud Platform, Amazon Web Service

#### CuriousInc - Full Stack Software Engineer (Remote); Hengelo (NL)

**Aug 2020-Today**

- **Project: Dation Dashboard**

##### Achievements:

- Designed migration strategy to cloud and microservices architecture after the company acquired 2 competitors and saved 66% in costs due to duplicate resources.
- Improved invoices search speed by x5, helping the company maintain the revenue from a big customer.
- Designed and built a recommendation algorithm for lesson appointment scheduling which increases driving school revenue by 20% and customer loyalty by 10%.
- Designed and developed a supercharged agenda for driving schools management adding 10+ new features lacking in the old agenda.
- Increased by 30% market positioning by refactoring 70% outdated UI pages, and features which led to a modern version of the software.
- **Tech Stack:** HTML 5, Javascript ES23, Typescript 5, JQuery, CSS 3, Bootstrap 5, React 17, Redux Toolkit, Webpack Encore, Jest, Rollbar, Firebase, Unix/Linux, FPM, Cronjobs, Apache

Server, Php 8, Symfony 6, Twig, API Platform 3, OOP, ORM, Doctrine, SQL, MariaDB 10, Postgresql 16, Php unit, Codeception, Selenium, CircleCI, Docker compose, GCP, Kubernetes.

- **Project: Students and Instructors App - Mobile Software Engineer**

*Achievements:*

- 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.
- Improved test coverage rates from 60% to 90% in two years, allowing to build and release the apps on Google Play and App Store more frequently and with 60% less bugs.
- **Tech Stack:** UX, Figma, Javascript ES23, Typescript 5, React 17, React hooks, React Native 0.72, React Test renderer, Snapshot Testing, Gradle 8, Java 10, Ruby 3, Android 13, XCode, CircleCI, Fastlane.

- **Project: BVO Portal and REST API - Full Stack Software Engineer**

*Achievements:*

- Built from scratch more than 80% of the main ui features of the web application.
- Increased the delivery sprint by 35%.
- Reduced bugs per release by 30%, took initiative in adding e2e tests for better quality assurance, testing all core features of the application.
- Helped get 160K EUR with 4 more project phase contracts, after showcasing the main features, tested and within expected timeline in the first phase.
- **Tech Stack:** HTML 5, Javascript ES23, CSS 3, Bootstrap 5, React 17, React Hooks, Babel, Webpack 5, Jest 29, Cypress 13, Rollbar, Firebase, Unix/Linux, FPM, Cronjobs, Apache Server, Go, Mutex, Functional programming, Doctrine, SQL, MariaDB 10, Postgresql 16, Php unit, Codeception, Selenium, CircleCI, Docker compose, GCP, PubSub.

**H.A Systems - Backend Software Engineer (Contract); Caracas (VE)**

**Apr 2020 - Aug 2020**

*Achievements:*

- Implemented code integration, automated testing, staging, versioning and deploying helping improve the team productivity by 30% and complete goals faster.
- Developed ETL pipelines to migrate DB2 database to cloud and improved by 90% the query performance and system reliability.
- **Tech Stack:**UML, rpg, Python 3, Google Colab, Functional programming, Github Actions, SQL, DB2, IBM I Series, AWS, RDS, CloudWatch.

**EMURGO - Frontend Software Engineer (Remote); Tokyo (JP)**

**Aug 2018 - Mar 2020**

*Achievements:*

- Increased by 50% the time to load (TTL) for the content and assets on the website using 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:** UX, Figma, HTML 5, Javascript ES17, CSS3, Sass, React 15, MobX, NodeJS 15, GraphQL, Babel, Webpack 5, Netlify, Github Actions, Shopify API, Twitter API, Google Analytics, Google Tag Manager, Chrome Lighthouse.

**Bicentenario Bank - Software Engineer (Internship); Caracas (VE)**

**Apr 2018 - Jul 2018**

*Achievements:*

- Reduced by 3 weeks 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 by 25% 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:** UML, rpg, COBOL, Functional programming, SQL, DB2, IBM I Series.

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## EDUCATION

- **Systems Engineering Bachelor's Degree**; University of Margarita, Venezuela **Nov 2019**
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## SOFT SKILLS

- Excellent technical and non-technical communication skills.
  - Proficient doing research, writing papers and documenting the process and the results.
  - Ability to work independently and manage my own schedule.
  - Remarkable teammate and contributor.
  - 8 years of experience as a teacher in multiple disciplines such as software and music.
  - Passion and great ease for teaching others all things related to software engineering within my knowledge and expertise.
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## COMMUNICATION

- English: Professional written and verbal
- Spanish: Native Speaker
- German: Basic Professional

## TOOLS

- IDE & Editors: VSCode, PhpStorm, Webstorm, PyCharm.
- Agile: Jira, Slack, Microsoft Teams, Google Suite.