ANDRIU GARCIA
FULL-STACK DEVELOPER

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EDUCATION

University of Granada

Degree Computer Engineering (Information Systems)

- Web Scraping
- Data Science
- Data Visualization
- Relational Databases
- Data Structures
- Computational Complexity Analysis
- Network Fundamentals
- 3D WebGL Development
- Architecture Design

Degree Business Administration and Management

- Communication and teamwork skills
- Understanding about how a business works
- Management knowledge
- Statistical analysis
- Development oriented to solve user needs

Platzi

Javascript Full Stack Developer Route

AWARDS

AWWWARDS
2 Honorable Mention

MINDSPARKLE
Site of the Day

CSSWINNER
Site of the Day

MICROSOFT
Apps4Good Prize

SANTANDER BANK
Disruptive Project Prize

VODAFONE
VCL I Edition Finalist

EXPERIENCE

STUDIO VI
Full-Stack Developer (10 projects)

Amsterdam, The Netherlands — AUG 2022 - JAN 2023

Webpack | Gulp | Wordpress | PHP | Docker | SASS | GSAP | Figma | JS

- Produced 3 award-winning projects featuring challenging designs and animations, demonstrating a quick adaptation to new projects and technologies
  Awards: 2 Mention of Honor at Awwwards and recognition as 'Site of the Day' at Mindsparkle and CSSWinner
- Took the initiative to create for the studio a customer-focused chatbot integrated into the studio website, using GSAP for smooth animations and WordPress for content management in the conversational interface, achieving 15 conversions for an event in 1 month
- Integrated Sentry into all the solutions for the clients, resulting in a significant decrease in errors and boosting customer satisfaction. This allowed for immediate detection and resolution of the server in less than 24 hours
- Strengthened communication among our team of 10 developers and designers and project delivery by integrating the use of agile methodologies and SCRUM-aligned project planning in Asana
- Implemented a CI/CD process using GitHub Actions to enable automatic updates to the staging area for each commit, resulting in improved development and QA efficiency

> **Victor Eekhof, Studio Vi Co-owner:**
>
> *"Andriu has a set of skills that proved very useful in his role as a full-stack developer. In addition to his focus on detail, he is able to look at the big picture of a project and find the right approach for a task. Andriu is social, easy to communicate with and a great asset to any team."*

OLIMAPS
Full-Stack Developer

Granada, Spain — JAN 2021 - JUL 2022

Nuxt.js | Vuex | Express | Socket.io | Typescript | PostgreSQL | AWS | Heroku | JS

- Conceptualized, designed, and developed the full range of features for a social network, including architecture, mobile-first UI, database, frontend, and backend development
- Built a scalable publication system, utilizing geolocalized publications powered by Mapbox and a PostgreSQL database, reducing query times by optimizing queries and indexing, supporting over 20,000 simultaneous users creating and consulting, load-tested using JMeter
- Architected and implemented a real-time messaging system utilizing sockets and a PostgreSQL database while considering non-relational databases for future scalability
- Implemented an algorithm that increases user engagement through personalized post recommendations based on user interest, post popularity, and distance. Considering ways to optimize weight values to maximize application usage time
- Optimized user experience through UI design using Figma, such as allowing users to access the application without registration, enabling one-step registration, placing frequently used actions near the thumb area, or utilizing levels of detail in posts

PANTALA
Co-Owner | Full-Stack Developer

Madrid, Spain — JUN 2018 - JUL 2020

Nuxt.js | Vuex | PostgreSQL | AWS | Stripe | JS

- Successfully drove conversion rate to 10% and reached a user base of 20,000 securing a 200K funding round, reducing landing page friction using data-driven approach with A/B testing and conversion funnel analysis, utilizing tools such as Google Analytics, HubSpot, and Facebook Pixel
- Maximized frontend performance using techniques such as SSR, lazy-loading, caching, dynamic imports, preloading, minifying, and using webp images, reducing largest contenful paint from 5s to 0.60s
- Executed technical SEO strategies, including SSR, Open Graph, semantic HTML, and structured data, getting 100 score on lighthouse

SKILLS

FRONTEND

Vue.js | Nuxt | React | Next |
JAMStack | CSS/SASS |
TypeScript | Javascript |
Tailwind | Bootstrap |
Storyblok | GSAP | Three.js |
Browser APIs | Webpack |
Gulp

BACKEND

Node.js | Express | REST |
GraphQL | Prisma.js |
Swagger UI | Wordpress | PHP
| Sockets

DATABASE

PostgreSQL | Oracle | MySQL |
MongoDB | Firebase |
DynamoDB | Neo4j |
ElasticSearch

CLOUD

Amazon AWS | GCloud |
Azure | Heroku | CloudFlare |
Firebase

PROJECTS

PORTFOLIO
React | Next.js | Strapi | JAMStack | Three.js | GSAP

Developed a visually stunning personal website that highlights creativity and design skills, and offers user-friendly navigation. Utilized CSS filters, animations, 3D design, and other features

KANUKI
Nuxt.js | Express | Rollup | Firebase | Cloud Functions | PostgresQL | ElasticSearch | GraphQL

Platform that allows content creators to easily create interactive articles and publish them into channels, making it easier for them to reach the right audience

- Implemented a flexible template system using NPM modules and web components, allowing for the dynamic loading of many components from the client side, resulting in greater flexibility with respect to the content that can be displayed
- Created an article search engine with elasticsearch with autocomplete prioritizing those articles that may be of most interest to the user

PICK A LOOK
Vue.js | Neo4J | Express | GraphQL

Pick a Look is a clothing recommender where users vote if they like a garment more or less, as they vote the recommendation algorithm learns from their tastes and starts to recommend better and better garments that the user might like

- Significantly improved user engagement by leveraging graph databases to recommend clothes based on users with similar tastes
- Utilizing kNN within the garment query without the need to generate a model resulted in an algorithm that continually provides better and more personalized results to users

WADABAI
React | Python | Web Scraping | MongoDB | JAMStack

Conversational application that makes it easy for everyone to find the perfect technological product for their needs, regardless of their technical background or familiarity with technology

- Successfully extracted and filtered useful product data by leveraging regular expressions and ETL processes, enabling more effective product recommendations to users
- Developed a conversational engine that effectively leverages JSON data and filters to provide personalized product recommendations, enhancing the overall user experience

RUBIK CAFÉ
Vue.js | Zapier | Amplify | AWS

Prototyped a web application that provided entrepreneurs with a new and innovative way to connect and network remotely in response to the challenges posed by the COVID-19 pandemic

- Agile development using combining Vue with No Code, Zapier, and AWS Amplify to create a prototype to show the solution to users

ONE CHANGE
Vue.js | Firebase | Data Visualization

Participating in the Vodafone Campus Lab program was an experience that allowed me to utilize cutting-edge technologies such as blockchain, IoT, and 5G to solve real-world problems related to the UN's Sustainable Development Goals

- Finalists in the 1st Edition, allowing us to expose our solution in front of Vodafone executives
- Drafted a business model providing as a solution to create a direct connection between farmers and wholesale of agricultural products with blockchain
- Prototyped a functional web app in just one week to demonstrate the capabilities of our solution, showcasing strong skills in rapid prototyping and delivering under tight deadlines