



# Adrian Arribas Lopera

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## SUMMARY

Highly adaptable and results-driven Full Stack Web Developer with over 5 years of diverse IT experience. Started my career in networking and successfully transitioned into analytical and management roles. Known for a quick learning curve and an analytical approach, I specialize in delivering high-quality, scalable solutions across various technologies. Committed to excellence, I continue to make impactful contributions in my current programming role.

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## EXPERIENCE

### Full-stack Developer

#### Data Lean Makers

December 2022 – Present, Málaga, Andalusia, Spain · Remote

- Achieved a 99.9% uptime for Node.js and Express.js applications.
- Reduced codebase size by 20% with reusable Lit-Element components.
- Boosted query performance by 30% using optimized PostgreSQL and MySQL database schemas.
- Raised user engagement by 25% through superior UI/UX design in Lit-Element.
- Cut API latency by 15% via efficient integration of RESTful and third-party services.
- Halved deployment time using docker-compose setups.
- Enabled real-time analytics and instant decision-making through data processing.
- Improved query efficiency by 20% using Sequelize ORM.
- Achieved a 99% successful build rate through streamlined deployment workflows.
- Automated business processes, achieving a 20% reduction in operational costs.

### Freelance

#### Shelakh's Web Solutions

April 2022 – Present, Málaga, Spain

- Designed and executed a variety of web designs with enhanced functionality, leading to a 30% improvement in site performance and user experience, culminating in higher search engine rankings.
- Orchestrated the development of robust website architectures and engaging content, utilizing a suite of technologies including HTML, CSS, JavaScript, jQuery, PHP, MySQL, and WordPress to launch comprehensive web applications.
- Achieved a notable 49% increase in site traffic and a 38% decrease in bounce rates through strategic improvements in web design and user engagement tactics.
- Delivered continuous web maintenance and content management services, ensuring optimal site performance and up-to-date information for client websites.
- Built high-performance, responsive websites with React, adhering to best practices and optimizing for speed, scalability, and cross-browser compatibility.
- Executed extensive Flutter tests to guarantee consistent cross-platform user experiences, ensuring flawless functionality across mobile and web platforms.
- Developed succinct Java programs, emphasizing streamlined, effective code and adherence to high standards of software development.
- Spearheading the creation of a task management system leveraging Lit-Element and Node.js, with a focus on boosting productivity and enhancing the user interaction experience.

### Retail Sales Manager

#### Madness Cars

May 2022 – September 2022, Marbella, Andalusia, Spain

- Directed a team of 5 in the efficient operation of the car rental service, instilling a customer-focused approach.
- Provided outstanding customer service, fostering a culture of client satisfaction and retention.
- Collaborated with German and English-speaking managers, promoting effective cross-cultural communication.
- Boosted sales by 15% by integrating online marketing strategies and attractive offers.
- Orchestrated the transport of luxury vehicles across Spain, ensuring safe and timely deliveries.
- Oversaw social media management, enhancing brand visibility and customer engagement.
- Operated and handled high-end vehicles, providing an exceptional customer experience.

### Technical Services Specialist

#### ANOVO

July 2020 – March 2021, Málaga, Andalusia, Spain

- Diagnosed and repaired Nintendo game consoles, ensuring optimal performance.

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- Developed, translated, and modified technical documents to meet customer requirements.
- Utilized specialized software for resolving technical incidents in consoles and their components.
- Leveraged SAP-based online platform for efficient operations.
- Conducted repairs and replacements of faulty components, ensuring product longevity.

## **Mechatronics Engineer**

**HELLER IBERICA MACHINE TOOLS SL**

**March 2019 – August 2019, Santander, Cantabria, Spain · Hybrid**

- Executing precision maintenance to improve performance and extend equipment life.
- Modernizing outdated systems to enhance productivity and reduce operational costs.
- Providing technical support across the peninsula, becoming a go-to expert for resolving complex issues on HELLER machines.
- Leveraging TIA Portal expertise to resolve PLC issues, thereby enhancing automation and reducing downtime.
- Conducting comprehensive commissioning processes to verify and adjust machine setups, guaranteeing their optimal operation.

## **Mechatronic**

**KACO GmbH + Co. KG**

**July 2015 – February 2019, Heilbronn, Baden-Württemberg, Germany**

- Interpreted electrical circuits and mechanical drawings, achieving a 100% accuracy rate in assembly and repairs.
- Applied expertise in machining, improving operational efficiency by 20%.
- Programmed PLCs using Simatic S7 and TIA Portal platforms for various projects.
- Tested and diagnosed faults online, reducing machinery downtime by 25%.
- Conducted electrical and mechanical maintenance, increasing machinery lifespan by 30%.
- Constructed electrical panels and completed wiring, decreasing installation errors by 15%.
- Assembled automation frames and installed sensors, cameras, and cylinders, reducing assembly time by 10%.
- Completed electrowelding tasks while maintaining a 100% compliance rate with safety standards.

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## **EDUCATION**

### **Software Developer**

42 · February 2025

### **Mechatronic, Mechatronics, Robotics, and Automation Engineering**

Wilhelm-Maybach-Schule Stuttgart-Bad Cannstatt · February 2019

### **High School Diploma**

IES Miguel Romero Esteo · May 2015

### **BTEC National Diploma, Computer and Information Sciences and Support Services**

I.E.S. Virgen de Belen · June 2013

### **Secondary Education and Teaching**

IES Miguel Romero Esteo · June 2006

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## **CERTIFICATIONS**

### **Microsoft Certified: Azure Data Scientist Associate**

Microsoft · 2023

### **Full Stack Web Developer**

University of Helsinki · 2022

### **Responsive Web Design**

freeCodeCamp · 2022

### **Domotics and Digital Home**

Servicio Publico de Empleo Estatal SEPE · 2021

### **Zertifikat telc Deutsch B1**

telc GmbH – The European Language Certificates · 2015

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## **SKILLS**

**Interpersonal Skills: Teamwork**

**Languages: German, English**

Languages: English, German, Spanish

Docker Products Redux.js Polymers Python (Programming Language) Node.js JavaScript Object-Relational Mapping (ORM) DevOps  
PostgreSQL Continuous Integration and Continuous Delivery (CI/CD)