MARINA BARCELÓ
WEB DEVELOPER

C/Dalia, 49, Molina de Segura (Murcia, Spain)
+34 616 38 09 27 | marinadevops@gmail.com
www.marinadevops.es | LinkedIn | GitHub

PROFESSIONAL SUMMARY

Solution-oriented and problem solver with +3 years of experience building and maintaining software and software architecture. Highly skilled in communication, collaboration, and technical documentation. Proficient in front-end and back-end technologies such as HTML, CSS, JavaScript, PHP, MySQL, SQL with a strong foundation in modern frameworks like React.js. Experienced in creating responsive and mobile-friendly interfaces to ensure seamless user experiences across devices.

CORE COMPETENCIES

- Programming languages
- Code structure & architecture
- Web performance optimization
- Front-end & back-end web development

- Agile leadership or scrum master
- Agile software development
- Test driven development
- Source control

RELEVANT PROJECTS

Lowgolf

Freelance Web Developer | September, 2022 - May 2023

- **Define Project Scope:** Gather detailed requirements from the golf company, including the features they want in the ERP system. Understand the key functionalities, such as trip reservations, price management, analytics, and reporting.
- **Design the Database:** Design a relational database schema to store information about trips, customers, reservations, prices, etc. Consider using a database management system like MySQL, PostgreSQL, or MongoDB if needed.
- **Create the Frontend with React:** Set up a new React project using Create React App or any other preferred method. Design and implement the user interface for the customer-facing web page where users can view and reserve golf trips. Use HTML and CSS to create the layout and styles. Implement React components to handle user interactions, such as searching for trips, viewing trip details, and making reservations.
- **Implement Backend Functionality**: Set up a backend server using Node.js, Express.js, or any other preferred server framework. Implement RESTful API endpoints to handle data operations like retrieving trip information, processing reservations, managing prices, etc.
- **Connect the backend to the database** to store and retrieve data.
- **Authentication and Authorization**: Implement a secure authentication system to allow users to sign up and log in. Add role-based authorization to control access to the background panel, allowing only authorized personnel to manage trip prices and view analytics.

.
.
.

- **Background Panel**: Design and develop the admin panel for the ERP system using React. This panel allows authorized users to manage trip prices, view reservations, and access analytics data. Implement forms and data tables to interact with the backend and perform CRUD operations for trip prices and reservations.
- **Analytics and Reporting:** Implement data analytics features, such as calculating the average number of people per trip, generating reports, and displaying key performance indicators.
- **Testing:** Test the application extensively to ensure that it functions correctly, is user-friendly, and handles various scenarios gracefully.
- **Deployment:** Deploy both the frontend and backend to web servers or cloud platforms like AWS .
- **Continued Maintenance:** Continuously monitor the system for any issues or bugs and perform regular updates and maintenance as needed. Listen to user feedback and make improvements to enhance the user experience and add new features over time.

OLMC Nelumbo S.L

Freelance Web Developer | December 2021 - October, 2022

- **Planning and Requirements Gathering** : Understand the specific requirements of your PDF converter, determine the technologies you'll use for building the converter (HTML, CSS, JS and Reactjs), decide on the design and layout of the website, keeping user experience in mind.
- **Frontend Development**: Create the user interface (UI) for the converter website using HTML and CSS. Make it simple, intuitive, and responsive. Implement the frontend functionality using JavaScript. This includes handling file uploads, showing progress indicators, and displaying the converted PDF to users.
- **Backend Development:** Set up a server using your chosen server-side language and framework. Implement endpoints for file uploads, conversions, and downloading the converted PDFs. Choose a suitable library or tool for converting different file formats to PDF.
- **Security**: Pay attention to security concerns, especially when handling user-uploaded files. Use proper validation and sanitization techniques to prevent any malicious file uploads or exploits.
- **Testing:** Conduct comprehensive testing to ensure the converter works as expected across different browsers and devices. Check for edge cases and handle potential errors gracefully.
- **Deployment:** Deploy your web application on a reliable web server with adequate resources to handle user traffic.
- **Monitoring and Maintenance:** Regularly update and maintain the codebase to address any bugs, security vulnerabilities, or compatibility issues.

Dreamtech5

Web Developer | February, 2019 - November 2020

- Write well designed, testable, efficient code by using best software development practices
- Create website layout/user interface by using standard HTML/CSS practices
- Integrate data from various back-end services and databases using PHP, MYSQL , SQL
- Gather and refine specifications and requirements based on technical needs
- Create and maintain software documentation
- Be responsible for maintaining, expanding, and scaling our site
- Stay plugged into emerging technologies/industry trends and apply them into operations and activities
- Cooperate with web designers to match visual design intent

Sk Informática

Junior Web Developer | 03 March, 2018 - 27 December, 2018

- Develop and maintain websites, including developing and deploying web pages, integrating with third-party applications, and managing servers
- Design and develop websites using popular browsers and libraries (React, javascript, typescript)
- Develop and maintain large-scale, complex web applications using Java, Hibernate, and HTML5
- Write application code, build programs, use databases, organize code, and troubleshoot programs
- Work independently, as well as as part of a development team
- Draw inferences from data, and distinguish trends in data
- Identify security risks
- Work on and manage a web-based project from start to finish
- Participate in agile software development

EDUCATION

2013 - 2017 | University of Murcia

Bachelor of Social Sciences - Social Work

2017 - 2018 | Certificate of professionalism (SEF)

Preparation and publication of web pages (IFCD0110)
Level 2 course | 560h (480 + 80 FCT)

2019 - 2020 | Certificate of professionalism (SEF)

Development and Design of Web Pages
Level 3 course | Hours 590 (510 + 80 FCT)

2019 - 2020 | Professional Training in Web Application Development

IES Francisco de Goya , Molina de Segura (Murcia)

TECHNOLOGIES

- HTML, CSS y Javascript (ES6+), PHP and Java (1 year)
- Back-End: PHP , MySQL , SQL
- Responsive Design: Techniques and frameworks to create websites that adapt to different screen sizes and devices.
- CSS Preprocessors: Knowledge of CSS preprocessors like Sass or Less.
- Version Control (Git)
- Frontend Frameworks and Libraries: Reactjs, Laravel
- Package Managers(Node Package Manager)
- Build Tools (Webpack)
- CSS Frameworks (Boostrap)
- Progressive Web Apps (PWAs)
- Frontend Testing (Cypress, Jest)
- Frontend Security: Understanding of common security vulnerabilities and best practices to secure web applications.

LANGUAGES

- Spanish : Native
- English: Advanced (C1)