

DAVID CEREZO HERNÁNDEZ

Full stack developer

EXPERIENCE

Full Stack Software Developer

November 2024 - Present

Renault Group, Palencia Spain

- Design, development, and maintenance of software solutions using **JavaScript** (**Angular** and **Node.js**) and **TypeScript** to optimize internal processes and enhance user experience. Teamwork under agile methodologies, ensuring code quality through testing and best practices.

Full stack developer

July 2024 - October 2024

Freelance and Collaborations on Software Development Projects

- **Frontend:** Development of dynamic and responsive user interfaces using **Angular**, **React**, and **JavaScript** with **RxJS**. Utilized **Tailwind**, **Sass**, and **HTML** to create modern, optimized designs. Implemented **TypeScript** to enhance code quality. Contributed to the development of intuitive user experiences by applying **UX/UI** best practices. Conducted unit and integration testing with **Jest** to ensure **frontend** quality.
- **Backend:** Implementation of business logic and **APIs** using **Java** (**Spring Boot**), **Node.js** (**Express**), **PHP** (**Symfony**), and **Python**, following a layered architecture and leveraging **microservices** to enhance scalability and manage distributed applications. Conducted unit testing with **JavaScript** for **backend** validation. Managed relational **databases** like **PostgreSQL**, **MySQL**, and **Oracle**, as well as non-relational databases like **MongoDB**.
- **DevOps:** Training in **AWS** and application deployment using **Docker** for an efficient workflow. Continuous integration with **Git** and automated deployment in development environments.

Full stack developer (Internship)

March 2024 - June 2024

Serbatic, Valladolid, Spain

Development of a application for managing information and selecting spots

- **Front:** Used **JavaScript** and **TypeScript** in the user interface, utilizing **Angular 13** and later upgrading to **Angular 16** to design dynamic and responsive interfaces. The **MVC** pattern was applied to structure the code, ensuring clear and maintainable organization. Data binding and filters were used to manage and process information accurately, alongside integrating both native and custom directives to enhance the application's interactivity. **PrimeNG** and **Bootstrap** were employed to enrich the user experience with attractive and functional visual components.
- **Back:** Developed business logic and **APIs** using **Node.js** and **Express**, ensuring efficient communication between the **frontend** and **backend**. Implemented the **Keycloak** authentication **API**, managing application security with **JWT** to ensure secure access control to functionalities.
- **Database:** Utilized **MongoDB** as a non-relational **database**, optimizing data management and storage.

Development of application for the management of a restaurant and its kitchen

- **Front:** Used **JavaScript** and **TypeScript** in the frontend, utilizing **Angular 17**. Applied the **MVC** pattern to structure the code efficiently and scalably, integrating **PrimeNG** and **Bootstrap** to create visually appealing components
- **Back:** Developed business logic and **APIs** using **Java** with **Spring Boot**, facilitating robust communication between the **frontend** and **backend**. Implemented security and authentication in the application, ensuring proper access control to functionalities.
- **Database:** Developed data management using **PostgreSQL** as the **database** management system, optimizing performance and data integrity through effective **SQL** queries and an appropriate schema design.

Common Tools: Used **Git** for version control and **Docker** for container creation and management, ensuring an **agile** and consistent development environment.



Phone:

634701064



Address:

Palencia, Spain



Mail:

david87chdz@gmail.com



Website:

www.david87chdz.dev



LinkedIn:

[David Cerezo Hernández](#)



GitHub:

github.com/david87chdz

ABOUT ME

With a professional career spanning 17 years, I have specialized in quickly adapting to changing environments and effectively solving problems. In recent years, I have focused my career on full-stack software development, combining a strong foundation in both frontend and backend with practical skills gained from other industries. I am passionate about creating innovative technological solutions, with a constant commitment to learning and continuous improvement. I am ready to take on new challenges in the field of development and technology, with availability to travel if the project requires it.

SKILLS

- **Programming Languages:** Java, PHP, Javascript, Typescript, Python, SQL
- **Markup and Styling Languages:** HTML5, CSS3, Sass
- **Frontend Frameworks & Libraries:** Angular, React, PrimeNG, Bootstrap, Tailwind, Rxjs
- **Backend Technologies & Frameworks:** Spring boot, Symfony, Express, NodeJs, Hibernate, Doctrine
- **Database Management Systems:** MySQL, PostgreSQL, Oracle, MariaDB, MongoDB
- **Version Control:** Git, GitHub, GitLab
- **Development Tools:** Docker, AWS, Linux, Npm, Composer, Jest, Scrum

SOFT SKILLS

- **Teamwork:** Experience in collaborative environments, fostering communication to achieve common goals efficiently.
- **Continuous Learning:** Committed to constant improvement and the adoption of new technologies.
- **Problem Solving:** Creativity and analysis to overcome complex challenges.
- **Adaptability:** Quick adaptation to new tools and methodologies.
- **Proactivity:** Ability to anticipate and solve problems, ensuring efficiency.
- **Perseverance:** Resilience and dedication to overcome obstacles and achieve goals.

EXPERIENCE

- **Production and Automation Technician** *July 2011- October 2022*
TI Fluid Systems, Palencia, Spain
 - **Programming** and **adjustment** of CNC machines, applying an analytical approach to optimize production processes and improve product quality.
 - Implementation of technological solutions that increased operational efficiency, using programming tools to automate tasks and reduce error margins.
 - Collaboration with interdisciplinary teams, fostering a culture of innovation and continuous improvement in the production environment, resulting in a significant increase in productivity.

EDUCATION

- **Higher Technician in Web Application Development**
CIFP Camino de la Miranda | September 2022 - May 2024
- **Technician in Electromechanics of Vehicles**
CIFP Camino de la Miranda | September 2004 - June 2006

COURSES AND CERTIFICATIONS

- **Certified Courses through OpenWebinars:**
 - Angular Course: Expanding Concepts, OpenWebinars
 - Angular Course: Fundamentals, OpenWebinars
 - Fundamentals of Reactive Programming with RXJS and Angular, OpenWebinars
 - TypeScript Course, OpenWebinars
 - Fundamentals of JavaScript Course, OpenWebinars
 - DOM Manipulation with JavaScript, OpenWebinars
 - Asynchronous Programming with Promises and Async/Await, OpenWebinars
 - React Hooks, OpenWebinars
 - HTML5 and CSS3 Course, OpenWebinars
 - Sass Course, OpenWebinars
 - Introduction to Docker, OpenWebinars
 - Docker for Developers Course, OpenWebinars
 - SQL Course, OpenWebinars
 - Java: Object-Oriented Programming, OpenWebinars
 - PHP: Fundamentals Course, OpenWebinars
 - Amazon Web Services for Developers, OpenWebinars
- **CERTIFIED COURSES THROUGH UDEMY**
 - Agile + Scrum
- **Certified Courses through LinkedIn Learning:**
 - Python Essential, LinkedIn Learning
 - Master Python, LinkedIn Learning
 - Advanced Python, LinkedIn Learning
 - JavaScript: Advanced TDD and Unit Testing, LinkedIn Learning

LANGUAGES

- **Spanish:** Native
- **English:** Intermediate (B1), Official Language School of Palencia