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 (Intership)

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 $\ensuremath{\mathsf{MVC}}$ 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



Addres Palencia, Spain



Mail

david87chdz@gmail.com



Website

www.david87chdz.dev



LinkedIn:

David Cerezo Hernández

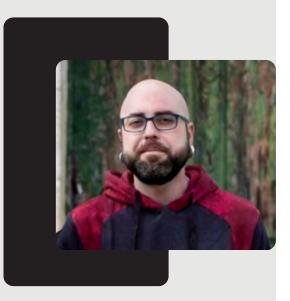


Github:

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 fullstack 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

O 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 Electromecanics 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