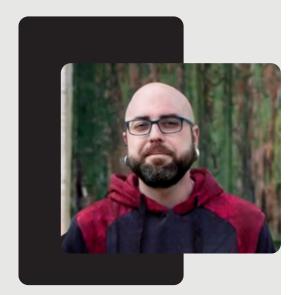# DAVID CEREZO HERNÁNDEZ

## Full Stack Developer

Mail

Website

LinkedIn

Github

+34 634701064

Valladolid, Spain

## ABOUT ME

I am a developer in transition, with 17 years of work experience that have taught me to adapt to any environment and challenge. I am passionate about creating dynamic technological solutions, encompassing both frontend and backend, as well as other aspects of software development. I am motivated by continuous learning and problem-solving with perseverance and flexibility. I am ready to face new challenges in the world of development and technology, with availability to travel if the project requires it.

## EXPERIENCE

### Full Stack Developer                                      *July 2024 - Present*

Freelance and Collaborations in Software Development Projects

- **Frontend**: Development of dynamic and responsive user interfaces using **Angular**, **React**, and **JavaScript** with **RxJS**. Utilization of **Tailwind**, **SCSS**, and **HTML** to create modern and optimized designs. Implementation of **TypeScript** to enhance code quality. Contribution to the development of intuitive user experiences by applying best practices in **UX/UI**. Unit testing and integration with **Jest** to ensure frontend quality.
- **Backend**: Implementation of business logic and **APIs** using **Java** with **Spring Boot**, **Node.js** with **Express**, **PHP** with **Symfony**, or **Python**, following a **layered architecture**. Working with controllers, services, entities, and models to manage data flow. Unit testing with **JavaScript** for the backend. Management of relational databases like **PostgreSQL**, **MySQL**, and **Oracle**, as well as non-relational databases like **MongoDB**.
- **DevOps**: Training in **AWS** and deployment of applications using **Docker** for an efficient workflow. Continuous integration with Git and automated deployment in development environments.

### Full Stack Developer                                      *March 2024 - June 2024*

Serbatic, Valladolid, Spain

Development of a Web Application for Information Management and Slot Selection

- **Frontend**: Implemented **JavaScript** and **TypeScript** in the frontend using **Angular 13** and later upgraded to **Angular 16** to design dynamic and responsive user interfaces. Applied the **MVC** pattern to organize the code, ensuring a clear and maintainable structure. Utilized **data binding** and **filters** to manage and process data accurately, in addition to integrating native and custom **directives** to enhance application interactivity. Used **PrimeNG** and **Bootstrap** to enrich the user experience with attractive and functional visual components.
- **Backend**: 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 through **JWT** to guarantee secure access control to functionalities.
- **Database:** Implemented **MongoDB** as a non-relational database, optimizing data management and storage.

Development of a Comprehensive Web Application for Restaurant Management and Kitchen Operations

- **Frontend**: Implemented **JavaScript** and **TypeScript** in the frontend using **Angular 17** to design dynamic and responsive user interfaces. Applied the **MVC** pattern to structure the code efficiently and scalably, integrating **PrimeNG** and **Bootstrap** for attractive visual components.
- **Backend**: 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 appropriate access control to functionalities.
- **Database:** Used **PostgreSQL** as the database management system, optimizing performance and data integrity through efficient **SQL** queries and appropriate schema design**.**

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

# SKILLS

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

# SOFT SKILLS

- Collaboration in Teams: 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 analytical skills to address complex challenges.
- Adaptability: Quick adaptation to new tools and methodologies.
- Proactivity: Ability to anticipate and resolve issues, ensuring efficiency.
- Perseverance: Resilience and dedication to overcoming obstacles and achieving goals.

# EXPERIENCE

**Production and Automation Technician**  *July 2011- October 2022*
TI Fluid Systems, Palencia, Spain

- I **programmed** and calibrated **CNC** machines, applying an analytical approach to optimize production processes and improve product quality.
- I implemented technological solutions that increased operational efficiency, using programming tools to automate tasks and reduce the margin of error.
- I collaborated with interdisciplinary teams, fostering a culture of innovation and continuous improvement in the production environment, resulting in a significant increase in productivity.

# ACADEMIC BACKGROUND

**Higher Technician in Web Application Development**
CIFP Camino de la Miranda Palencia, Spain
September 2022 - June 2024

**Technician in Vehicle Electromechanics**
CIFP Camino de la Miranda Palencia, Spain
September 2004 - June2006

# ADDITIONAL TRAINING

**CERTIFIED COURSES THROUGH OPEN WEBINARS:**

- Fundamentals of Reactive Programming with RXJS and Angular
- React Hooks
- Amazon Web Services Course for Developers
- Docker Course for Developers
- Introduction to Docker
- Angular Course: Expanding Concepts
- Angular Course: Fundamentals
- HTML5 and CSS3 Course
- DOM Manipulation with JavaScript Course
- SQL Course
- Sass Course
- TypeScript Course
- Fundamentals of JavaScript Course
- Java Course: Object-Oriented Programming
- PHP Course: Fundamentals
- Asynchronous Programming with Promises and Asynchronous Programming with Async and Await

**CERTIFIED COURSES THROUGH LINKEDIN LEARNING:**

- Essential Python
- Mastering Python
- Advanced Python
- JavaScript: Advanced TDD and Unit Testing

# LANGUAGES

**English: Intermediate (B1)**
Certificate from the Official School of Languages of Palencia
**Spanish: Native**