

# DAVID COSTA

WEB DEVELOPMENT TECHNICIAN

DEVELOPER FULLSTACK JAVA

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## PROFILE

I have spent 7 years in health care and was an entrepreneur, but now I am seeking new challenges. I am a software development technician, continuously learning about specific technologies and creating freelance projects. I plan to continue my degree, but in the meantime, I would like to join a diverse and dynamic team where I can **impact the world through technology!** I believe in agile groups, where goals are shared and approached from various perspectives. I think of products in terms of value contribution, efficiency, scalability, dynamism, and constant adaptation.

## EDUCATION

### Technician Degree in Web Development and Digital Applications - ISPC

03/2022 - 06/2024

Programming fundamentals, algorithms, data structures, OOP, Architecture, Requirements analysis and documentation, user stories, acceptance criteria, planning, UML Design, SQL and NoSQL databases, Java, Python-Django, Android Development, Client-server, SOLID principles, clean architecture, Testing, Networks, Cybersecurity, versioning with Git, GitHub, Git Flow, Agile methodologies, Scrum, Kanban, Miro, Figma.

## COURSES

### Backend JAVA - SPRING - Folcademy / San Juan Tec / UTN / TodoCode

12/2021 - Present

Development, testing, and deployment of APIs using Java, Spring, MySQL, PostgreSQL, SQLite, Hibernate, Microservices, Spring Cloud, Rest Template, Feign, Eureka Server, Load Balancer, Resilience4j, API Gateway, Docker, Docker Hub, Postman, Swagger, Spring Security, JWT, Logging with Log4j, Mockito, Test Containers, Maven, Gradle, Jasper Reports, Thymeleaf, Git, Git Flow, GitHub, Railway, Bitbucket, among others.

### SQL, Server Administration, Database Design - San Juan Tec / UTN / Coderhouse

08/2023 - 11/2023

Advanced SQL Language, MySQL, Backups, Functions, Triggers, Views, Stored procedures, Design and normalization.

### Python - Django - Flask - ISPC, Cisco Academy

03/2023 - 11/2023

Language fundamentals, logic and algorithms, design and development of APIs, with relational databases. Git and GitHub

### Full Stack React JS, Node JS, Mongo DB | Stack MERN - Coderhouse

01/2022 - 07/2023

React - Node Js, Express, Mongo, Mongoose, websockets, Docker, Kubernetes, Artillery, Unit and integration testing, Swagger, Firebase, REST API development and consumption. Promises, Documentation, Logging, Mailing, Third-party Authentication, JWT, among others.

**LANGUAGE:** Ingles nivel C1, Proficient EF SET Upper Intermediate

**Skills:** Continuous Learning - Teamwork - Leadership - Problem analysis and solution - Conflict resolution - Negotiation - Goal oriented - Self management - Assertive communication and empathy - Dynamism and flexibility - Planning

**Software:** IntelliJ, VS Code, Eclipse, Android Studio, Postman, MySql Workbench, PgAdmin, MongoDB, Db browser, Jaspersoft, Slack, Discord, Figma, Miro, Trello, Diagrams, vercel, render, railway, clever cloud, among others.

## EXPERIENCE

Portfolio [Link](#)

### Backend developer JAVA - Altour

[Deploy](#) [Repository](#) 09/2024 - Present

Altour is a mobile-first web application designed to mitigate the problem of overcrowding in hyper-saturated cities by redistributing tourist traffic more equitably. Utilizing a real-time heat map to identify the most congested areas based on traffic and mobility data, it offers alternative destinations and promotes a unique, peaceful, and sustainable tourism experience. This project was completed in six weeks within an agile team composed of developers, UX/UI designers, and a product manager. My role focused on the backend using Java - Spring, and my main responsibilities included:

- Developing endpoints for integration with the frontend team, negotiating requirements and connection details.
- Connecting to external APIs for data retrieval.
- Implementing security measures and auditing systems for the application.

### Backend developer JAVA - Donatello

[Deploy](#) [Repository](#) 07/2024 - 09/2024

SaaS platform for small food businesses seeking intuitive and functional business management options. Developed an MVP to quickly validate the product. Created within an agile, self-managed, and diverse team, consisting of professionals in UX/UI, Frontend, Backend, DevOps, and QA. I served as the Lead Backend, with responsibilities including:

- Analyzing, developing, and documenting the REST API, using Java - Spring, Spring Security with JWT, Swagger, Feign.
- Leading integration between teams, facilitating communication, negotiation, and moderation of changes or suggestions to be implemented across the project's different repositories, ensuring smooth communication and achieving a successful MVP.
- Conducting code reviews, presenting, and defending the project in various tracking meetings and at the final delivery.



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FULLSTACK JAVA

## Fullstack developer JAVA - React Js, App Embarcadero

[Deploy](#) [Repository](#) 02/2024 - 07/2024

System for managing boats, guards, rescue teams at each dam in San Juan Province, allowing for the maintenance of records on boats accessing, assigned personnel, visitors, and other vital data for statistics and analysis. The project is currently in a development stage where the first MVP has been developed, and it is now in the feedback phase.

- During this stage, the survey, analysis, and design of the proposed solution were carried out, along with its web coding and testing, using technologies such as: Java, Spring, MySQL, Swagger, Spring Security, JWT, Mockito, Email Sender, etc.
- The frontend was developed using React JS, Material UI, among others. Future iterations will include a mobile app for Android.

## Developer Android - backend Java, One Drop - Web and Mobile Application

[Repository](#) 05/2022 - 06/2024

Website development done in Angular, Backend in Java Spring, and a mobile app in Android (Java), created to manage patient health records, accessible by healthcare staff. It handles glucose, weight, blood pressure records, and other analyses, primarily focused on diabetic patients. The project was developed in a Scrum team, where I took charge of leading the design and development of the backend, focusing on Java architecture, database design, and the logical functions of the Android application. My main tasks and roles were:

- Scrum Master. Planning development tasks and estimating times and efforts to achieve the objectives of each sprint.
- Leading logical development in Android, researching and learning how to create requested functionalities, demonstrating great proactivity, adaptability, consistency, and resilience to develop new features.
- Development of REST API architecture, and implementation of its critical functionalities. Technical documentation with Swagger.
- Contributing to the entire project documentation, requirements analysis, user stories, planning, among others.
- The MVP was completed with a high level of quality, exceeding expectations, and demonstrating the potential of the project, its possible impact, and economic viability

## FullStack Developer JAVA - React Js, API RESTful EduProject, JAM 2023

[Repository](#) 10/2023 - 12/2023

Aplicación web, para la gestión de inscripciones, asistencias y usuarios académicos, como parte del evento JAM 2023 para crear soluciones de software gratuitas para emprendedores. A partir de una problemática propuesta, se analizó posibles soluciones que llevaron a diseñar e implementar un MVP, que se desarrollo dentro de un equipo scrum formado por otros devs, UX/UIs y PO, en un proceso iterativo e incremental usando Java - Spring, MySQL, React Js, Swagger, Github, Figma, Notion, etc. Mi tareas fueron:

- Analizar problemática y en equipo proponer y presentar soluciones eficientes, para que el cliente elija.
- Diseñar, desarrollar y documentar backend con Java - Spring, implementar seguridad con Spring Security usando JWT.
- Codificar frontend con React JS, siguiendo los lineamientos de diseño.
- Se cumplió el objetivo de entregar un rapido MVP, superando las expectativas y permitiendo validar la idea de negocio de forma economica y ayudando a generar informacion de gran importancia para el cliente.

## Front end Developer React JS - Mecantronic

[Deploy](#) 01/2023 - 04/2023

Web application for managing registrations, attendances, and academic users, as part of the JAM 2023 event aimed at creating free software solutions for entrepreneurs. Starting from a proposed problem, we analyzed possible solutions that led to designing and implementing an MVP, developed within a Scrum team composed of other developers, UX/UI designers, and product owner, in an iterative and incremental process using Java - Spring, MySQL, React JS, Swagger, GitHub, Figma, Notion, etc. My tasks were:

- Analyze the problem and, as a team, propose and present efficient solutions for the client to choose from.
- Design, develop, and document the backend with Java - Spring, implement security with Spring Security using JWT.
- Code the frontend with React JS, following design guidelines.
- Achieved the goal of delivering a quick MVP, surpassing expectations, and enabling the validation of the business idea economically, while also generating valuable information for the client

## OTHERS EXPERIENCIES

### Entrepreneur - Hidropedales San Juan - Taibe

06/2018 - 12/2022

Tourism entrepreneurship, focused on adventure sports and with a gastronomic addition, offering innovative proposals in one of the main tourist spots of San Juan, aimed at boat rentals, event organization, and experiences that mix water and land sports, with discovery gastronomic activities. The entrepreneurship was made up of another partner and the staff, reaching a team of 14 people. My main tasks were:

- Team management, organization, and motivation. Conflict resolution and negotiation among peers. Selection, training, and onboarding of new collaborators. Creation of procedures, protocols, and work standards.
- Customer management and negotiation. Analysis, development, and implementation of new tourism proposals and events.
- Administrative and accounting management of the entrepreneurship.

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