

ALEJANDRO FERNANDEZ VITONCO

SYSTEMS ENGINEERING STUDENT

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PROFILE

Systems Engineer in training, focused on BackEnd development and with robust skills to perform as a Full Stack developer. I have a solid background in programming languages such as Java, Python and JavaScript, as well as experience in the use of frameworks and technologies such as Spring Boot and Node.js. I have participated in several academic and personal projects that have consolidated my skills in database design and management, software architecture and RESTful API development. My comprehensive training has allowed me to acquire knowledge in FrontEnd development, using technologies such as React and Angular, which enables me to create complete and efficient solutions. I stand out for my analytical skills, complex problem solving and teamwork, always oriented to continuous improvement and adoption of new technologies to optimize processes and deliver high quality products.

EDUCATION

Systems Engineering | In progress

University of the Cauca

August 2019 - Today

CCNAv7: Introduction to Networking

Cisco Networking Academy

February 2024 - May 2024

- Relevant coursework in Networking Design and Management.

CCNAv7: Switching, Routing and Wireless Essentials

Cisco Networking Academy

March 2024 - July 2024

- Relevant coursework in Networking Configure and Routing.

COMPETENCES

- **Programming Languages:** Java | Python | C# | JavaScript
- **Front-End Technologies:** Angular | HTML | Tailwind | CSS
- **Back-End Technologies:** SpringBoot | Node JS
- **Data bases:** MySQL | ORACLE SQL
- **Version Control:** Git

LANGUAGES

- Spanish (Native)
- English (B2)

PROJECTS PARTICIPATION

CONT APP - Accounting application by University of Cauca

February 2024 - Present

My roles:

- Developed and optimised the front-end components related to the management of the third parties of companies.
- Developed the navigation bar component of the application
- I restructured the routes to the components

Implemented Technologies:

- Angular
 - Tailwind
 - Git
-

THIRD-PARTIE MICROSERVICE (API) - CONT APP

February 2024 - April 2024

My Roles:

- Implement each company's third-party related operations using hexagonal architecture
- Develop and maintain the service database

Implemented Technologies:

- Java
 - Spring Boot
 - My SQL
 - Git
-

INVOICES MICROSERVICE (API) - CONT APP

April 2024 - June 2024

My Roles:

- Implement the operations related to the purchase invoices of each company using hexagonal architecture.
- Collaborate in the coupling of the service that generates the PDF of purchase invoices
- Develop and maintain the invoice service database

Implemented Technologies:

- Java
 - Spring Boot
 - My SQL
 - Git
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ACADEMIC MANAGEMENT

November 2023 - December 2023

My Roles:

- Implemented the view showing grades and their status (Graded, Voided, Received).

Implemented Technologies:

- Angular
 - Bootstrap
 - Git
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ACADEMIC MANAGEMENT API

November 2023 - December 2023

My Roles:

- Responsible for the development of the entire service for academic management, users, roles, subjects and files.
- Create the database relating qualifications, subjects, users and files.

Implemented Technologies:

- Adonis JS
- My SQL
- Git