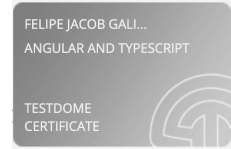




FullStack Architect; FullStack Developer

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PROFESSIONAL SUMMARY

- I possess a broad range of technical/domain skills and knowledge with a total of 20+ years of experience in the IT industry, (since the beginning of FlashMx)
Front End Developer. with languages like HTML5, Typescript, JavaScript and CSS-SASS +14 years.
FullStack-Developer with Angular +7 years.
Worked with JavaEE and Python +5 years.
Worked with AngularJS, Angular2 to Angular17 for +7 years.
Worked with React for 4 years.
Worked with Vue 3 for about 2 years
Specialized in design and development of Rich Internet Applications that demand qualified techniques such as .NET, Node or PHP, SQL Server, JavaScript and XML or JSON implementation for +12 years.
Development, maintenance and support of web applications and application infrastructure using Java/J2ee, web services, api, Spring modules, custom frameworks and other related technologies +4 years.
Collaborated in areas of analysis, design, development, production support and implementation phases of object-oriented and web-based applications +8 years.
Experience with version control systems such as the Git and Tortoise repository +5 years.
Good experience in test cases developed with Jasmine & Karma, Jest, Chai +3 years.
SQL experience and worked with databases such as SQL and MS SQL Server 2005.
Worked with AWS EC2, Docker and Jenkins instances +2 years.
Economist specialized in finance software for 8+ years.
Blockchain developer, used Ethereum and Solidity to generate smart contracts + 3 years.

TECHNICAL SKILLS

Table with 2 columns: Skill Category and Description. Categories include Cloud Computing, Technical Qualifications, Software Design, Web Development, Databases, Operating Systems, and Methodologies.

PROFESSIONAL EXPERIENCE

### FullStack Developer

**Description:** We create multi touch applications, e-learning, video games, interactive websites for different clients in the health, tourism, educational, pharmacy and video games industry.

### Responsibilities

- As a FullStack developer at this company, I have been involved in several projects related to e-learning in private and public universities and private companies.
- I have also developed pharmacoeconomics applications for recognized laboratories where economical and financial concepts were important to understand client requirements.
- In the tourism industry I have developed email marketing campaigns and also multitouch applications.
- Another important achievement was related with video game development using actionscript 2.0 and 3.0, php on the backend.

### Technical Platform:

Photoshop, Figma, HTML5, CSS3, JQuery, as3, JavaScript, PHP,Angular, React, NET, Python, Ethereum - Solidity

### Capital One

March - July 2024

### FullStack Developer

**Description:** Angular 17 Mono repo application that integrates several business business units.

### Responsibilities

- Communicate design ideas and prototypes to developers
- Responsible to find **creative** ways to solve UX problems related with usability and findability
- UI-FrontEnd specialist developing **Angular 17**
- Writing maintainable code with extensive test coverage using **Jest** on the frontend
- Angular api consumption

### Technical Platform:

Nx, Typescript, JavaScript, .Net, Angular 17, Jest, Karma, Sass, API consumption. Docker, Jenkins, Github,

### Texas Military Department

April 2023 - February 2024

### FullStack Developer

**Description:** I have developed a new module in an existing **Angular 14** application, a permissions feature where according to requests and authorizations users can access different routing paths. I also have been involved in fixing UI features that allow the Texas Military Department to admin its users from an accountability and financial perspective.

### Responsibilities

- Communicate design ideas and prototypes to developers
- Responsible to find **creative** ways to solve UX problems related with usability and findability
- UI-FrontEnd specialist developing **Angular 14** and consuming .net API's
- Write maintainable code with extensive test coverage using **Jest** on the frontend and **Chai** on the node backend
- Backend development was performed in **.NET**

**Technical Platform:**

Node, Typescript, JavaScript, .Net, Angular 14, Primeng, Sass, Web services development and API consumption. Docker, Jenkins, Github, AZURE.

**Capital One, Texas**

**September 2022 - April 2023**

**FullStack Developer**

**Description:** FullStack Developer in a project related to developing a Bulk Mail System for their credit card products. The system allows to define products, range of dates and beneficiaries of the products. Providing a solid front-end architecture and putting attention to concerns in order to provide solutions such as scalability, operability, maintainability and deployment. I also developed backend API services using JAVA SpringBoot

**Responsibilities**

- Communicate design ideas and prototypes to developers
- Responsible to find **creative** ways to solve UX problems related with usability and findability
- UI-FrontEnd specialist developing through **Empath framework** and using latest improvements related with **VUE 3** and **Connex UI** framework.
- Write maintainable code with extensive test coverage using **Jest** on the frontend and **Chai** on the node backend
- Backend development related with microservices using **JAVA** and **Spring Boot**
- Deployment process related with **Docker, Jenkins** and **Github**
- CI/CD using cloud native stack, build on **AWS**

**Technical Platform:**

Node, Typescript, JavaScript, Python, Java, Vue 3, React, Bootstrap, Sass, Web services development and API consumption. Docker, Jenkins, Github, AWS.

**The Janssen Pharmaceutical Companies, New Jersey**

**January 2022 - September 2022**

**FullStack Developer**

**Description:** My achievement is related to customizing graphical reports using javascript and css. Another achievement is related with AI tool APIs consumption in our react application that allows us to analyze and process genetic data.

I worked closely with researchers and scientists to understand their requirements and translate them into functional programs. Some of the key responsibilities and accomplishments in this role include:

1. DNA Data Analysis: I designed and implemented Python scripts and algorithms to analyze DNA sequencing data. This involved processing large datasets, performing statistical analysis, and identifying patterns and mutations within the genetic code.
2. Data Visualization: I developed interactive data visualization tools using libraries like Matplotlib and Plotly. These visualizations helped researchers explore and interpret complex genetic data, facilitating better insights and discoveries.
3. Integration with Bioinformatics Tools: I collaborated with bioinformatics experts to integrate our software with existing bioinformatics pipelines and tools.
4. Algorithm Optimization: I optimized existing algorithms and implemented new ones to enhance the performance and accuracy of DNA analysis.

### Responsibilities

- Communicate design ideas and prototypes to managers
- Responsible to find **creative** ways to solve UX problems related with usability and findability
- UI-FrontEnd specialist developing on react environment
- Backend development related with microservices using **Python**
- Deployment process related with **Docker, Jenkins** and **Github**
- CI/CD using cloud native stack, build on **AWS**

### Technical Platform:

Node, Typescript, JavaScript, Python, Jupyter Note Books, React, Bootstrap, Sass, Web services development and API consumption. Docker, Jenkins, Github, AWS.

**Bang Energy, Miami**

**November 2021 - June 2022**

### FullStack Developer

**Description:** Salesforce Development under Salesforce Commerce Cloud for a recognized beverage company that needed to automate their marketing efforts through building their next website generation. With this improvement the marketing team is able to schedule, maintain and design campaigns. As a specialist in frontEnd development I provided responsive, pixel perfect solutions and also specific salesforce development for their management system.

### Responsibilities

- Communicate design ideas and prototypes to developers
- Responsible to find creative ways to solve UX problems related with usability and findability
- UI-FrontEnd specialist developing responsive and pixel perfect solutions
- Develop backend code related with microservices using Salesforce

### Technical Platform:

SalesForce Commerce Cloud, Apex, React, JavaScript, Bootstrap, Sass

**Wisconsin Department of Health Services**  
**Full Stack Developer**

**April - November 2021**

We developed a system for the Wisconsin Department of Health Services related with providing and managing health benefits for individuals and families. As a FullStack Developer with experience on Salesforce Lightning Design System (SLDS) I was able to create custom and general modules as well as responsive components for mobile and desktop devices. I'm very experienced with pixel perfect development and using Angular frontend framework. Able to test using Jasmine, Karma and finally continuous development using Docker and Jenkins

Skills: Sales Force Development, Angular, pixel perfect, API Development

### Responsibilities

- Communicate design ideas and prototypes to developers
- Responsible to find creative ways to solve UX problems related with usability and findability
- UI-FrontEnd team leader developer writing maintainable code with extensive test coverage using Jasmine and Karma on the frontend
- Salesforce development (SLDS)
- Deployment process related with Docker, Jenkins and Github
- Participates in all Agile ceremonies, including Sprint Planning, SCRUM, and Retrospectives

### Best Buy, Minneapolis & Capital One in Texas through Wipro

March 2019 - April 2021

### Digital Architect

**Description:** In Minneapolis Best Buy developed a project related to Supply Chain and I provided a solid front-end architecture (Angular 12) and also I gave some guidance about how API payloads should be provided when developing under Spring Boot framework.

In Texas, when working with Capital One there was an auto loans application where my responsibility was to code under Angular framework the authentication module (AIM) and to develop some modules related with statistics about auto loans. This datasets consumption was coming from Python backend

### Responsibilities

- Communicate design ideas and prototypes to developers
- Responsible to find creative ways to solve UX problems related with usability and findability
- UI-FrontEnd team leader developer and data scientist for Capital One analyzing datasets in order to create reports for decision makers.
- Write maintainable code with extensive test coverage using Jasmine and Karma on the frontend
- Estimate engineering efforts in order to estimate realistic schedules and plans using agile methodology
- Coordinate with backend team API consumption requirements
- Deployment process related with Docker, Jenkins and Github
- Develop backend code related with microservices using JAVA and Spring Boot
- Develop backend code related with datasets using Python
- CI/CD using cloud native stack, build on AWS
- I performed as Digital architect and supply chain team leader at Bestbuy with the project: Open Box project.
- Participates in all Agile ceremonies, including Sprint Planning, SCRUM, and Retrospectives

### Technical Platform:

Python, Java, Angular, React, Node, Typescript (MEAN), JavaScript, Bootstrap, Sass, Web services development and API consumption. Docker, Jenkins, Github, AWS.

CVS, Pittsburgh

January - December 2018

**FrontEnd team leader, FullStack Developer**

**Description:** As a part of a great team of 60 developers on site and offshore (India) 24/7 under agile methodology we developed a system that provides medicines to patients in order to satisfy their demands as fast as possible, this kind of medicine has a high cost to terminal diseases.

**Responsibilities**

- Frontend architecture definition using Angular 6
- Wireframe development using Axure
- Code development of components and services
- Collaborate with and across Agile teams to design, develop, test, implement, and support technical solutions in full-stack development tools and technologies
- Coordinate of a team of 60 developers on site and offshore (India) 24/7 under agile methodology.
- Development of supply chain application for CVS Pharmacy in order to satisfy the increasing demand of medicine in retail branch
- Participates in all Agile ceremonies, including Sprint Planning, SCRUM, and Retrospectives

**Technical Platform:**

.NET, Angular 6, Node, Typescript, Ionic, JavaScript, Bootstrap, Sass, API Development and consumption

Ericsson, Silicon Valley

September 2017 - January 2018

**FrontEnd team leader, FullStack Developer**

**Description:** Unified Development Network. Reactive web application related with ticket control and issue rate solving on the **UDN** with a clean and maintainable use of components across the application so it can perform fast and in a responsive way.

**Responsibilities**

- Coordinate of requests directly from the business department under an agile methodology and development of responsive web applications related with UDN (Unified Development Network).
- Code, test and analyze application software.
- Improve existing code to ensure optimal functionality between components
- Interpret wireframes and designs, translating them into quality code
- Participates in all Agile ceremonies, including Sprint Planning, SCRUM, and Retrospectives

**Technical Platform:**

Java, React, Node, Typescript, Lodash, JavaScript, Bootstrap, Css3, Web services and Amazon Web Services

Live Oak Bank, North Carolina

February 2017 - September 2017

**FullStack Developer**

**Description:** Create deposit and loan projects in Salesforce. Improved the user experience by 25%. . Used React as a front-end framework and followed the MVC patterns to consume AWS web services. Backend using Apex.

#### **Responsibilities**

- Developing deposit-and-loan projects in Salesforce to create an amazing user experience, using Angular as a front-End framework and following MVC patterns to consume web services from AWS. Backend using Apex

#### **Technical Platform:**

Java, Angular, JavaScript, Css3, Web services and Amazon Web Services.

**SAP Montreal, Canada**

**September 2016 – January 2017**

#### **SAPUI5 Front-end Developer**

**Description:** Enhanced the locomotive maintenance sector 20%+. Developed an application that solves the locomotive assignments for the maintenance shop, defines when it will be repaired, by whom and records all repair costs to be used.

#### **Responsibilities**

- Locomotives application, using MVC pattern and sapui5 framework to collaborate with an international team (Canada, USA, México, India) that's working 24/7.
- Write well-documented code and follow established practices and coding standards
- Create and maintain software documentation
- Participates in all Agile ceremonies, including Sprint Planning, SCRUM, and Retrospectives.

#### **Technical Platform:**

SAPUI5, Html5, JavaScript, Java, Css3, Git, Web Services consumption.

**IBM, Banorte in Mexico City**

**January 2014 – December 2014**

#### **UX Front-End Developer**

**Description:** Create two online banks in record time using CSS precompilers, under an innovative framework of Chinese origin (Dojo), the new application was connected to Banorte's production environment. Backend development.

#### **Responsibilities**

- Take requirements from business directors and accept challenges like releasing systems on an aggressive deadline
- Design a technical solution that enables to deploy two banking sites on a single effort using CSS precompilers
- Coordinate insite frontend team and update progress with offshore team

- Guide the work team in the configuration of CSS styles at an advanced level and in the use of the Dojo Framework

**Technical Platform:**

Rational Application Developer for Web Sphere, HTML5, Dojo, CSS, .less, JavaScript.

**Languages:** Spanish (native), English, French

**EDUCATION AND CERTIFICATION**

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- **Real Estate License, Collin College** **Plano, Texas**
- **Angular Certification by testDome** **Online**
- **Bachelor of Economics by UNAM** **Mexico City**
- **PHP Programming Language by D.G.S.C.A. UNAM** **Mexico City**
- **Hackathon: EarthX Mexico - Third place prize: Agriculture Project** **Mexico City**