



Lawrence Fowks Peña



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Lawrence Fowks

STAFF SOFTWARE ENGINEER - 9 YEARS OF EXPERIENCE - UPPER-INTERMEDIATE ENGLISH MASTER IN IT PROJECT MANAGEMENT - UNIVERSITY TEACHER

Full Stack Developer, Sr. NET Developer, Sr. Front-End Developer, Mid. Laravel PHP Developer, Scrum Master Certified.

Strong Back End

Microsoft®
.NET / .NET CORE / .NET 6,7

VS 2003-2022/SQL Server 2005-2019:
C#, VB, ASP.NET, WCF, MVC, Web API, Micro Services, CQRS, MediatR, Mappers, DDD, Entity Framework 4+...6..Core, Hierarchical Data, Identity Security, LINQ, ADO, IIS, Telerik, Kendo UI, Reporting Services, Lambda Expressions, Reflection, SP's, ETL, Signal-R. **(9 years)**



Laravel (PHP)

Eloquent, DB RAW, MySQL ORM, Collections, Push Notifications (Pusher), Payment Methods, Web API, MailChimp, Stripe, PayPal, Blade, admin layouts, landscape, data table integration, server side, pagination, Kendo UI, migrations, visual reusable-components from database settings. **(3 years)**



Testing

Unit Testing, Functional Testing, E2E, Web API Testing, Selenium, Cypress, Client Factory, Mocking, TDD, BDD Feature Testing Spec Flow, Azure DevOps, Microsoft Test Manager, XUnit

Strong Front End



Angular

Observables, JWT, Firebase, Routing, RestAPI, Services, Events, Customs, Animate, Auth, Guards, Interceptors, CDK, Angular Material, NgBootstrap, Lazy Loading, RxJs, Redux, Effects, Charts, PWA. **(5 years)**



React

Hooks and Custom Hooks, Functional Components, Context API, Redux, State Management, Router, Interceptors, JWT, Animations, Services, React Query, RTK. **(Mid Level - Continue Learning...)**



Agile

Presential and virtually (Azure DevOps, Jira), Scrum Master tasks, user stories and estimations, direct contact with clients showing demos, abstracting requirements, estimating tasks, and organizing everything by priorities.

Other Skills



- CleanArq/CQRS/DDD/EventSourcing
- MicroServices
- GIT, Team Foundation Services
- Azure DevOps - CI/CD - Azure Functions - Serverless
- Advanced Digital Signature (C #, VB, Java, XADES-XML, PADES-PDF).
- Electronic Invoicing Implementation
- PHP/ HTML5 / jQuery / JavaScript / JSON / XML / XSL / SASS/CSS / Ajax / Bootstrap. (Expert Level), FlexBox, GridCss
- JWT / OAuth 2.0 / Identity Providers
- Razor, Net Core (Expert Level)
- Blazor
- JS Chart Libraries (Echarts, ChartJS)
- MEAN & MERN with Mongoose
- Entity Framework (SQL and MySQL)
- PWA (Angular)
- Angular Signals
- RxJS
- Firebase, Cloud Functions, Auth, Push Notifications, FireStore, RT DB.
- Hands on Nest.js, TypeORM and Next.js

**Interested in Flutter for Mobile Apps.*
***Starting path for an Architect oriented to use Azure/ AWS, Docker and Kubernetes. (Learning)**

EDUCATION

National University of Costa Rica



Master's Degree (2020-2022): Project Management Emphasis

Licenciate Degree (2016-2018): Web Development Emphasis

Bachelor Degree System Engineer (2010-2013)

Others

Scrum master certification (Scrum Study)

Digital signature Certification - Central Bank of Costa Rica

Udemy and Web Courses

WORK HISTORY

Current: Staff Software Engineer at Growth Accelerations Partners

- Staff/Senior Software Engineer for U.S Client
- Development and maintenance of an application split between ASP.NET and Angular platforms
- Back End Development .NET Area (C#, VB, ASP.NET)
- Front End Development (Angular and Traditional UI)
- Automation Testing Tasks (E2E-Selenium & Cypress, SpecFlow-BDD) - Mid Level
- Scrum methodology
- Migration of a back office platform from Aspx to React
- Support the Team and Share Knowledge
- Make proposals to innovate the project and solve the most common issues (Reporting, Reusable Repetitive Tasks)
- Azure DevOps activities / GitLab. (CI/CD), Pod Lead
- Project with DDD, CQRS and Microservices Architecture
- Project/Tech Lead and Interviewer
- Company Products: React - Angular - .NET - AWS
- Booking App - Angular 15 and Net 7 / DDD - CQRS - Mediator Pattern - Repo Pattern
- Style Guide UI - React WebApp
- Mood Text and Emoji Employees Tracker - Azure Functions/ML.net/Angular
- Company App - React - UI Tasks and Project Architecture

Software/net Developer. Excel Softsources -> 6/2018 - 09/2019

- Web Developer for SALEM (U.S Client) Media Content Sites, Articles, Videos and Blogs
- SQL Server DataBase tasks, design, store procedures, functions, etc
- Support, redesign and creation of new WebPages built in Asp, MVC Razor, WebApi.
- Traditional Front End (No JS-Frameworks), HTML5, CSS, JS, Bootstrap, etc

.NET Developer BAC San José, INNTECI Innovations -> 12/2016 - 5/2018

- DB2/AS400 Data Extraction to SQL Server through Linked Server, Store Procedures and ETL's
- SQL Server Integration Services - Jobs Running ETL's, Reporting Services
- Creation of MVC Razor Reporting Application to show the business legible information from AS400 data
- Traditional UI(HTML,CSS,JS,Ajax,Bootstrap,jQuery,etc)

.NET Developer - Novacomp/BCR -> 1/2016 - 11/2016

- Helping the team on adapting Scrum Methodology.
- Foreign Exchange, accounts, savings and credit cards system
- MVC Razor Tasks, Creation of asynchronous reporting module, this reports come from SQL Server data bases and they must be sent to the user's emails when the process finishes
- Redesign some application modules from the Back End to the Front End (Traditional UI)
- E-Banking platform support and creation of new pages

.NET Developer Central Bank of Costa Rica (BCCR), Crux -> 7/2014 - 12/2015

Agents and Brokers intermediaries

- .NET Software/Web Developer
- Worked using SCRUM presentially and with platforms such as JIRA and TFS. This included dealing with estimations, user stories, client meetings, presentations, XP, TDD, Microsoft Test Manager
- C#, MVC, Entity Framework, SQL, XML, Lambda, Linq, WCF, HTML, CSS, JQuery, Ajax etc
- Design and Creation of reusable components (Menus, Wizards or Steppers, UI Validations events handled, ErrorMessage) and database tables integrated for all the applications in the Bank with a common look and feel

Novacomp /Lafise Bank -> 01/2014 -06/2014

- Java, .NET, C#, VB, ASP.NET - E-Banking Platforms

Advanced Digital Signature (BCCR) -> 06/2013 - 12/2013

- Advanced Digital Signature Project under ETSI Standards
- XADES and PADES advanced formats for signing documents digitally, XADES for XML documents and PADES for PDF Documents
- C# deep backend coding using Encrypt and Decrypt functions, Hashes, X509 Certificates, OCSP, TSA and CRL to validate Digital Signatures
- WCF and SQL Server
- Investigation, design, development and testing of the signing tool
- Presentation of the tool to the main stakeholders (People in charge of some government institutions)

Freelancer - 2015/2019

Electronic Invoice Project

- Full-Stack tasks under C#, NetCore, WebApi, Razor, Traditional UI, Entity Framework,SQL Server, IdentityServer
- Creation of a Stock and Invoices Platform where employees sell products and register their invoices, these invoices must be sent in XML format and Digital Signed to a government institution for taxes handling through its WebApi and JWT Auth environment

Ecommerce platform integration

- Full-Stack integration with Angular and NetCore through a WebApi and MySQL
- Bootstrap
- JWT Auth and Roles

Booking Platform and Health Booking Appointments

- Platform for scheduling classes using Laravel(PHP) and Angular integration and MySQL
- FullCalendar Libraries
- JWT Authentication
- HTML-CSS-Bootstrap

GeoEconomy PWA

- Angular PWA - Small Market Place using GeoLocation and FullTextSearch/ Hands On Algolia