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I consider myself one of the best developers in the industry due to my extensive experience in overcoming numerous work-related challenges throughout my career. Over the past 10+ years, I have encountered and successfully resolved a wide range of complex issues, enabling me to develop a deep understanding of various software development problems and their solutions. This exposure to diverse projects and companies across different continents, including the USA, Europe, and LATAM, has honed my problem-solving skills and provided me with invaluable insights into overcoming obstacles efficiently and effectively.

CERTIFIED WORK EXPERIENCE

Yuxi Global, Mason, OH:

Full Stack Developer (Fully Remote)

March 2022-(Current Job)

- Worked with Asp .NET Core 6.0 as Backend Framework, SQL Server, and PL/SQL Oracle as the database. Used Python in various aspects of the project, including scripting, automation, and data manipulation.
- Developed Web APIs and worked with old WCF services using Python scripts for integration and data processing tasks.
- Utilized Python libraries and frameworks, such as Django and Flask, for building specific functionalities and microservices.
- Implemented DevOps practices and S.C.R.U.M methodology, utilizing Git for branch strategy and CI/CD pipelines.
- For the front-end, Angular and React as the frameworks, along with pure JavaScript and Bootstrap.
- Leveraged VS Code as the primary development environment for front-end work, and Node JS and Visual Studio 2022 for back-end development.
- Used Python-specific tools such as pip (Python package manager) to install and manage Python packages and dependencies, as well as virtual environments (e.g., virtualenv) for managing project-specific Python environments.

AMADEUS, Bogotá Colombia.

Tec Lead

(Hybrid)

November 2022 - April 2023

- Worked in the GDS Business Logic, Front and Back End Processes.
- Collaborated with a team of developers to develop and enhance [Specify the type of software or applications you worked on].
- Leveraged Python as a primary programming language for various tasks, including backend development, data processing, and automation.
- Used Python frameworks such as Django or Flask to build robust and scalable web applications.
- Developed RESTful APIs using Python and integrated them with other components of the system.
- Worked closely with the data team to implement data pipelines and perform data analysis using Python libraries such as Pandas and NumPy.
- Used PostgreSQL and SQL as a native database Services.
- Utilized Python's scripting capabilities for tasks such as data parsing, ETL (Extract, Transform, Load) processes, and data integration.
- Collaborated with cross-functional teams and followed Agile methodologies such as S.C.R.U.M for project management.
- Utilized version control systems like Git for code collaboration and source code management.
- Worked with various tools and technologies, including [Specify any relevant tools or technologies related to Python, such as PyCharm, Jupyter Notebook, or specific Python packages/libraries].

Kantar, London, UK:

Middleware and .NET Core Developer (Fully Remote)

November 2021-March 2022

- Worked on Customer's Company Applications.
- Created new features and fixed bugs on customer applications using Django and Python as the backend technologies.
- Leveraged Django-Python to build and maintain the principal reports page, implementing data retrieval, processing, and visualization functionalities.
- Employed Python scripts and libraries for data analysis and manipulation tasks within the project.
- Utilized Azure DevOps for project management, .NET Core 3.0 for backend development, and React and Angular for the front-end.
- Followed S.C.R.U.M methodology and utilized Git as the branch strategy. Integrated CI/CD pipelines using Azure DevOps for automated deployment.
- Worked with Oracle and PostgreSQL as DML.
- Used Python-specific tools such as pip for package management, Django's command-line interface (CLI) for managing Django projects, and popular Python libraries such as NumPy, Pandas, and Matplotlib for data analysis and visualization.

Prodigious Latam, London:**Software Senior Engineer (Hybrid first six months and Fully Remote when and after Covid)****July 2019-November 2021**

- I developed in Sitecore CMS and Sitecore.NET with Helix Architecture, and used Visual Studio 2017 Environment, Visual Studio 2019, SQL Server
- I developed Django for one of the web api services of the clients and also some others constructed in flask for the secondary app dashboard for one of the clients of that time in this company. and also integrating the new api requirements through Django into the secondary app. - Implemented SSO on .NET integrated with Sitecore.
- 2017, GitLab, GitBash, JIRA, PowerShell Scripts, MVC Architecture, XUnit, NUnit, MSTest, HELIX Architecture, .NET C#, .NET Framework 4.7.1, JavaScript, J Query, Bootstrap, SQL, PUG
- Implemented TeamCity CI/CD for QA and Production deployments - Implemented xUnit and TDD methodology
- Team lead over 1 year and 6 months after the project started.
- Used Sitecore Items and CMS Items as BE and Angular, React and Pure JS and JQuery as FE.
- S.C.R.U.M as methodology and Jira and GitLab and GitBash for kanban and Branch Strategy.

Component Serviex SAS, Bogotá, Colombia:**Development Engineer (In situ) (Short Project)****May 2019-July 2019**

- Maintenance and Development for Financial App Davivienda and Davivienda Mobile.
- I used .NET MVC, and .NET Core 2.0, Bootstrap, Angular or JQuery for FE, .NET and ASP or .NET Core Technology for BE, also used OWASP for web services security.
- Worked with S.C.R.U.M Agile on the team, Mantis and TFS for Repository, git in some projects for branch Strategy.
- Developed Python scripts for data processing and analysis tasks, such as data cleansing, transformation, and aggregation.
- Implemented data scraping and web crawling using Python libraries like BeautifulSoup and Scrapy to gather financial data from various sources.
- Integrated Python with the existing .NET MVC and .NET Core applications to enhance functionality and improve performance.
- Developed RESTful APIs using Python frameworks like Flask or Django for seamless integration with other systems and services.
- Implemented machine learning algorithms and models using Python libraries such as NumPy, Pandas, and scikit-learn for tasks like fraud detection, risk assessment, and predictive analytics.
- Utilized Python's data visualization libraries like Matplotlib and Seaborn to create insightful charts, graphs, and reports for data analysis and business intelligence purposes.
- Implemented unit tests and automated testing using Python testing frameworks like pytest to ensure the reliability and quality of the software.
- Worked on integrating Python with database systems like SQL Server or PostgreSQL for efficient data storage and retrieval.

Complemento 360, Bogotá, Colombia:
Senior Software Developer (In situ)
June 2018-April 2019

- Development and Maintenance for REVAL Financial Payment App.
- Development and Maintenance for AXXA Colpatria (Financial Company) Bill Insurance Invoice Master System.
- Developed Python-Django for some of the financial web services on AXXA and provided full stack code using Django for several apps used by admin users in the office (not the clients of the insurance company).
- Implemented Bootstrap, React, and jQuery, including AJAX, for the front-end development.
- Ensured web services security using OWASP practices.
- Utilized PostgreSQL as the database language and dbeaver as a development environment
- Managed databases and utilized Mantis reporter for issue tracking.
- Applied XP and Scrum Agile Methodology for the software development life cycle.
- Developed various financial web services using Python and Django.
- Leveraged Python's Django framework to provide full stack code for multiple applications used by admin users in the office.
- Implemented Python-Django to enhance the functionality and features of the AXXA Colpatria Bill Insurance Invoice Master System.
- Collaborated with the development team to design and implement Python-based solutions for the REVAL Financial Payment App.
- Worked on integrating Python with other technologies, such as .NET, Bootstrap, React, and jQuery, to create comprehensive and efficient applications.
- Used Python's extensive library ecosystem to streamline development processes and improve code efficiency.
- Employed best practices in Python development, including modular and reusable code structures, adhering to PEP 8 guidelines, and conducting thorough testing.

M4M Interactividad SAS Cundinamarca, Bogotá, Colombia:
Software Engineer (In situ)
November 2014-May 2018

- Development of the application DOX-Travel Seller, La Hamburguesería and internal Company Apps
- Technical Leader and support BE technical Architect
- Used Scrum Agile methodology and XP for Life Cycle mixed with Mantis and TFS as Repository Code.
- I used SQL as Database with SQL Server 2013 Management Studio as Development Database Environment.
- Used PowerShell Scripts, MVC Architecture, Unit testing with MSTest, .NET C#, .NET Framework 4.2 for BE Implementation and JavaScript, JQuery, SQL, VPN Services, Bootstrap, Angular 10, Mustache, Typescript, DevExpress Grids & Charts for paint information on FE.

Sistran Andina S.A Cundinamarca, Bogotá, Colombia:
Software Senior Engineering (In Situ)
March 2014-September 2014

- Maintenance of the SISE and SOATWeb application
- Development and Maintenance of 7 Web Services from Previsora Insurance Company,Cardiff Insurance
- Company and Grupo Aval Financial Group Company
- Creation and Maintenance of 7 web services Rest for insurance car payments
- I managed .NET Framework 4.5 technologies MVC and SQL for database structure
- Worked with API Rest services and WPF (Windows Presentation Foundation), Bootstrap and CSS3 for Styles, JQuery Implementations with ajax request for populate data and communication between FE and BE.

Stefanini Colombia S.A, Bogotá, Colombia:
Junior II SharePoint Developer (In Situ)
December 2013-March 2014

- Development of Applications in the SharePoint environment and C#, JQuery and JavaScript for the
- Oscensa Companies, Ministry of Agriculture, Ministry of Defense, Ministry of Finance, Incoder, Colmedica, Ministry of Health
- The team in that time was worked with Scrum Agile methodology, and, XP(Extreme Programming Technologies), Visual Studio 2012, Sql Server 2012, SharePoint Server 2010, Team Foundation as repository code and Kanban., Mantis as a ticket reporter, PowerShell Scripts, MSTest for Unit Testing, .and NET C# as a core language
- I used Bootstrap and Angular 10 for FE including Mustache notation and TypeScript (including in Angular) and DevExpress for populating grids in specific projects.

BRM Grandes Interacciones. Bogotá, Colombia:
Software Developer (In Situ)
March 2013-November 2013

- Maintenance and Development for Apps related to Nestlé brands and all their products in Colombia (Fitness, Milo, La Lechera, and their others)
- An advertisement company that used XP(Extreme Programming Technologies), all the time for its development life cycle.
- I used Visual Studio 2012, Sql Server 2012, Team Foundation, Mantis, .NET C#,VB 6.0, VB.NET .NET Framework 3.5, JavaScript, JQuery, SQL, Windows Services created by me for several tasks in the company, Bootstrap, Angular 10, Mustache, TypeScript, DevExpress Grids & Charts, JAVA, PHP, Python-Django (in a little parts of the company), FORTRAN, FOXPRO (for small account projects with their clients), Sybase and MySQL.

Software SCI, Bogotá, Colombia:
System Engineer (In situ)
June 2012-June 2013

- Development and Maintenance for Casa Editorial El Tiempo Newspaper, Contact Center Americas, and Ecopetrol
- A total of 32 servers with around 5 or 6 databases in each server. I'm in charge of managing all software systems called (Venta Opcional Optional Sale) that was developed in .NET Technologies a long time ago.
- They had been migrating to SAP technologies and I was in charge of ensuring that the old systems were running ok for the clients of that age.

Segurexpo de Colombia, Bogotá, Colombia:
System Assistant (In situ)
October 2011-April 2012

- Network Administration, Installation and Maintenance of Hardware and Software in Bogotá and
- Remotely Maintenance in Cali, Medellin and Barranquilla Branch Offices.
- Programming in VB and VB.NET for Internal Applications of the Insurance Company.

Atento Colombia S.A, Bogotá, Colombia:
Support Agent(In situ)
March 2010-April 2011

- Support for line 019000930930 of Telecom and Telecom Internet in Colombia Territory
- I worked with Windows Operating System (All Versions), configuration server from Telecom, Modem APP, Configuration Software, modems and routers configurations.
- I used RR Software.

Platika Ltda Cundinamarca, Bogotá, Colombia:
Support Agent (In situ)
March 2009-December 2009

- Support for the line 6500500 of Telmex of Internet and Television in Colombia.
- We used Windows Operating System (All Versions), configuration server from Telmex, Avaya (IP Phone System), R.R Software.

ColvateL S.A E.S.P, Bogotá, Colombia:
Support and Installation Agent (In situ)
February 2007-November 2008

- ADSL Installation, Configuration and Maintenance of ADSL standard modem and Corporate Modem for clients of ETB Company
- Configuration and installation of new phone lines for clients of ETB and IFX Companies in Bogotá
- I Used Windows Operating System (All Versions), configuration server from ETB, Physical Modem and Modem APP Configuration Software.

Contact Center Américas, Bogotá, Colombia:
Support and Installation Agent (In situ)
February 2006 to February 2007

- Installation and Support for line 170 and for line 018000112170 of ETB, i did installations and Technical Support for the Claims and Internet line of ETB
- I Used Windows Operating System (All Versions), configuration server from ETB, Avaya, and R.R Software.

EDUCATION

Universidad Autónoma de Occidente, Cali, Valle: Informatic Engineer (Fully Remote)
January 2022-Current Career

- Emphasis on AI and Machine Learning with python.

Politecnico Gran Colombiano, Bogotá, Cundinamarca: System Engineer (In Situ)
February 2013-July 2016

- Regular System Engineer.

National Learning Service SENA, Bogotá, Cundinamarca: Technologist in Analysis and Development Software Systems (In Situ)
February 2010-April 2012

- Emphasis on Programming languages, patterns, principles, Life cycle etc.

Microsoft, Bogotá, Cundinamarca: Microsoft Certified Professional in C# fundamentals (In Situ)
April 2012

- Emphasis on c# and principles of programming with this language etc.

ACHIEVEMENTS

- Got Microsoft Certification in c# in 2012.
- Finished DOX-Travel-Seller App on 2016 (the company receives US\$200.000 of monetary benefits with this app)
- Learned Sitecore in 2019
- I have 7 years and counting of a good relationship and a beautiful family with my son and my wife.
- Got Certification in Analysis and development systems in 2012.

LANGUAGES

Spanish - Native
English - Advanced
French - Beginner
Portuguese - Beginner

SKILLS

S.O.L.I.D Principles (8 years)
R.E.S.T Principles (8 Years)
Design Patterns (8 Years) .NET (10 years)
ASP.NET (12 years)
.NET Core (6 years)
C# (12 years)
SQL (12 years)
MySQL (5 years)
Oracle DB (4 years)
PostgreSQL (5 Years)
React (5 years)
Angular (3 Years)
XML (7 years)
Sitecore CMS (3 Years)
Agility CMS (3 Years)
JavaScript (8 years)
Html (10 years)
Html5(5 Years)
Css(8 Years)
Css3(7 Years)
Sass(4 Years)
Less(4 years)
Bootstrap(6 Years)
Kubernetes(4 years)
Node.js (5 years)
Python (5 years)
Django (4 years)
PowerShell (6 years)
DevOps (5 years)
Docker(4 years)
Git (7 years)
S.C.R.U.M Agile (6 years)
Web Services (6 years)
Unit Testing (5 years)
GitHub (5 years)
C# (10+ years)
Test Cases (3 years)
C/C++ (3 years)
Jira (5 years)
ASP.NET (10 years)
REST API's (7 years)
MVC (7 years) jQuery (8 years) JSON (7 years)
AJAX (7 years)
TFS (3 years)
OWASP (5 years)
Git Bash (5 years)
DevOps (4 years)
X Unit (3 years)
N Unit (3 years)
MS-Test (4 years)
TypeScript (5 years)
CI/CD (5 Years)