JORGE ANDRÉS PADILLA SALGADO

SOFTWARE ENGINEER

CONTACT

- Quito, Ecuador
- jorgeandres.padillasalgado@gmail.com
- linkedin.com/in/jorgeandrespadilla
- github.com/jorgeandrespadilla

HONORS & AWARDS

BEST GRADUATE FACULTY OF ENGINEERING AND APPLIED SCIENCES
UDLA | 2024

FINALIST AT BACKDROP BUILD V4
Startups Pre-accelerator
Backdrop Build | 2024

TOP 5 LATIN AMERICA ULATINHACK CTF 2023
CSTI Corp - SAP | 2023

BEST GRADUATE 2ND COHORT UDLA HONORS
UDLA | 2023

LATIN AMERICA FINALIST ULATINHACK HACKATHON 2022
CSTI Corp - SAP | 2022

INSTITUTIONAL AWARD ECU 911
SIS ECU 911 | 2022

LATIN AMERICA FINALIST DEVSU CODE JAM
Competitive Programming
DEVSU | 2021

PROFILE

Software Engineer with over three years of experience in designing and developing Full Stack web applications, specializing in .NET Core, Node.js, Python and React, with a strong foundation in Artificial Intelligence. Proven ability to deliver high-quality software solutions, showcasing excellent problem-solving skills and a deep understanding of various technologies while adhering to best development practices. Passionate about creating innovative solutions that truly make a difference.

WORK EXPERIENCE

SOFTWARE ENGINEER

Bayteq | Quito | March 2022 - Present

- Developed AI-driven solutions, mainly integrated with technologies from Microsoft, OpenAI, IBM, and Google, to enhance user experience and customer communication through multiple platforms for well-known companies in the health and finance sectors, as well as to drive automation and process optimization in companies across Ecuador.
- Played a key role in the development of the e-commerce platform for a major medical insurance company, using .NET and Angular, optimizing the shopping experience and significantly enhancing customer loyalty towards the company's services.
- Contributed to the .NET development of an electronic billing system for a leading company specializing in digital payment solutions, successfully automating and streamlining the invoice generation and delivery process, improving operational efficiency and accelerating the delivery of its services.

SOFTWARE DEVELOPER (INTERSHIP)

SIS ECU 911 | Quito | July 2021 - March 2022

PROJECT: Management System for Operational Leaders - Operations Directorate

- Led the development of a web platform using Angular, Python, and PostgreSQL to optimize the collection of metrics and assessment of the institution's operations nationwide.
- The platform is used by managers and operational leaders on a weekly basis to manage the performance of command centers nationwide in real time and from a centralized system, significantly improving operational efficiency and decision-making.

SKILLS

- Communication
- Creativity and Innovation
- Teamwork
- Leadership
- Research

TECHNICAL SKILLS

PROGRAMMING LANGUAGES
JavaScript/TypeScript, Python, C#, Java

WEB DEVELOPMENT
HTML, CSS, Sass, Node.js, React, Angular, .NET Core, FastAPI

CLOUD
Microsoft Azure, Google Cloud, IBM Cloud, AWS

DATABASES
- **SQL**: PostgreSQL, SQL Server, MySQL
- **NoSQL**: MongoDB, Pinecone

OTHER
- UI/UX Design
- Artificial Intelligence, Generative AI
- **Microservices**: Docker, RabbitMQ
- **Methodologies**: Scrum, TDD
- **Version Control**: Git, GitHub

LANGUAGES

- Spanish (Native)
- English (C1)
- French (C1)
- Portuguese (B1)

FREELANCE SOFTWARE DEVELOPER
Quito | October 2020 - Present

- Full Stack web application development using different web technologies such as Node.js, .NET, React, and Angular.
- Developing open-source tools.
- Developing Android mobile applications.
- Implementing AI algorithms and solutions.
- Implementing and deploying cloud services.

KEY PROJECTS:

- **EDUTRACKR (2023 - 2024)**: Web platform for collecting real-time learning metrics and assisting the educational process through Artificial Intelligence.
- **WISE SUPPORT (2022 - 2023)**: Web application for managing support requests using TypeScript, Node.js, React, and PostgreSQL.
- **ECOWISE (2022)**: Application for tracking and managing scope 3 emissions related to employee commuting.
- **SMARTSELL (2022)**: Online auction platform developed using .NET and SQL Server.

EDUCATION

BACHELOR OF SOFTWARE ENGINEERING
Universidad de las Américas | 2019 - 2024

Best graduate of the Faculty of Engineering and Applied Sciences at Universidad de las Américas.

UDLA HONORS
Universidad de las Américas | 2019 - 2023

Best graduate in the UDLA Honors academic excellence program (2nd cohort) at Universidad de las Américas.

UDLA MINDS
Universidad de las Américas | 2021 - 2022

Active member of the Microsoft Student Chapter at Universidad de las Américas.

CERTIFICATIONS

MICROSOFT CERTIFIED: AZURE AI FUNDAMENTALS
Microsoft | September 2023

SCRUM FOUNDATION PROFESSIONAL CERTIFICATE
CertiProf | May 2023