

Luis Miguel Vargas Garrido

✉ luismvg41@gmail.com ☎ +34 644317198 💻 linkedin.com/in/luis-miguel-vargas-garrido-1743a0114 🌐 www.luismigueltvargasgarrido.com

SUMMARY

Full-stack developer with 1 year of extensive experience in developing and maintaining web applications. Proficient in HTML, CSS, JavaScript, React, Node.js, Python and Django. Experienced in building secure, user-friendly websites and applications. Self-employed with a passion for creating innovative and powerful solutions.

EXPERIENCE

Full-stack Developer PixelStack Solutions

April 2022 – Present, Spain · Remote

- As a Full Stack Developer, I design and build end-to-end web applications using a stack that includes React, Django, PostgreSQL, AWS and Kubernetes. I create seamless user experiences through responsive frontend interfaces, while also implementing secure and efficient serverside logic and APIs. My role involves managing database schemas, optimizing application performance, and integrating cloud services to ensure high availability and scalability. Through code reviews and collaboration with the team, I deliver cutting-edge solutions that meet our clients' business objectives.
- Developed, tested and deployed various web applications, increasing performance by 25% while decreasing total development and testing time by 15%. Leveraged serverless technology and containerized deployments to reduce scaling time by 50%, enabling code to reach production in half the average time. Built user interfaces that increased user efficiency by 15% which resulted in increased customer satisfaction by 5.
- Handcrafted various web applications using React for frontend interfaces, Django for server-side logic and APIs, PostgreSQL for database schemas and AWS to manage cloud services, for improved scalability and high availability.

PROJECTS

Doneminder – Your Ultimate Task Management Solution

Associated with PixelStack Solutions · Associated with PixelStack Solutions

- Developed a task management solution boosting productivity and accountability with deep integrations and an intuitive user interface, reducing task completion time by 35%.
- Designed the UX/UI of the platform using React ensuring users had an enjoyable experience while accomplishing tasks.
- Created and managed a documentation system to track bug fixes and feature requests to support the developing platform.

Ecommerce Project – Footfab

Associated with PixelStack Solutions · Associated with PixelStack Solutions

- Developed Footfab's social e-commerce website from ground zero, integrating user interface design, back-end coding, webserver and network security.
- Increased daily active users of the platform by 120% by utilizing digital marketing strategies, increased site traffic by 200% and user engagement on the platform by 150%.
- Implemented multi-language support, technology upgrades and optimization techniques to create a seamless online shopping experience.

Service based , back-end django website

Associated with PixelStack Solutions · Fully automated service based website

- Fully automated service based website with Django and Python, improving load times by 56% and increasing site visits 29%.
- Developed and implemented a comprehensive database, allowing customers to search for specific products in an efficient and user-friendly manner.
- Utilized caching techniques to optimize the website's performance, as well as the integration of various APIs and payment gateways.

SwimTrackt: Enhancing Swimming Fitness Tracking

Associated with PixelStack Solutions · Associated with PixelStack Solutions

- Associated with a private project which aims to enhance swimmers' experience through a fitness tracking system.
- Developed a fitness tracking system using Node.js, ReactJS, and Arduino to measure stroke rate, distance, times, and average speed, resulting in improved swimmers' performance by 11%.
- Utilized the IOT stack to develop the system with Bluetooth and Web framework to improve convenience and accuracy.

EDUCATION

Full stack developer
Coursera

CERTIFICATIONS

Architecting with Google Kubernetes Engine: Foundations

Google · JZPZ5BL94LBT

Introduction to Microsoft Azure Cloud Services

Microsoft · W7E6AYZEQ84H

AWS Cloud Technical Essentials

Amazon Web Services (AWS) · LWKNZBCCPJBE

Advanced Django: Advanced Django Rest Framework

Codio · MJKJH5FSSF8K

Advanced Django: Building a Blog

Coursera · JWVEQ9KZDFDA

Advanced React

Meta · E5ZHRZNNMEJG

Advanced Styling with Responsive Design

University of Michigan | Coursera · ERHNJPEYEA2P

Data Scientist (2021 version) Career Path

Codecademy · Science

Database Design and Basic SQL in PostgreSQL

University of Michigan | Coursera · XFYH2N2PCARU

Introduction to Docker: Build Your Own Portfolio Site

Coursera · 57NKSS7JXXRC

Introduction to HTML Coursera Project Network

Coursera · HQMNAD4ZKTL5

Programming with JavaScript Meta

Meta · C68Q9HDZXMNC

Python Basics University of Michigan

University of Michigan | Coursera · 3A7BXW3FNY5U

Python Classes and Inheritance

University of Michigan | Coursera · L6U2TWE6MJ3H

Storing, Retrieving, and Processing JSON data with Python

Coursera · UTHS44XE5XG6

Testing and Debugging Python

Coursera · RHKQ6TDBMBTM

SKILLS

Industry Knowledge: User Interface Design, AWS Identity and Access Management (AWS IAM), Cloud Computing, Kubernetes, Full-Stack Development, Web Framework, Application Programming Interfaces (API), Unit Testing, Debugging, Responsive Web Design, Front-End Development, Web Pages, Database Design, Web Development, Test-Driven Development, Front-End Web Development, Object-Oriented Programming (OOP), Back-End Web Development, Programming, Data Science

Tools & Technologies: GitHub, Microsoft Azure, Google Cloud Platform (GCP), Google Kubernetes Engine (GKE), AWS Security, Amazon Web Services (AWS), React.js, Docker, JSON, Tkinter, Django REST Framework, Bootstrap, Cascading Style Sheets (CSS), HTML, HTML5, PostgreSQL, JavaScript, Databases, Git, Python (Programming Language)

Languages: English, Spanish

Industry Knowledge: User Interface Design, AWS Identity and Access Management (AWS IAM), Cloud Computing, Kubernetes, Full-Stack Development, Web Framework, Application Programming Interfaces (API), Unit Testing, Debugging, Responsive Web Design, Front-End Development, Web Pages, Database Design, Web Development, Test-Driven Development, Front-End Web Development, Object-Oriented Programming (OOP), Back-End Web Development, Programming, Data Science

Tools & Technologies: GitHub, Microsoft Azure, Google Cloud Platform (GCP), Google Kubernetes Engine (GKE), AWS Security, Amazon Web Services (AWS), React.js, Docker, JSON, Tkinter, Django REST Framework, Bootstrap, Cascading Style Sheets (CSS), HTML, HTML5, PostgreSQL, JavaScript, Databases, Git, Python (Programming Language)

Languages: English, Spanish