



Bryan Alexis Sáenz Tarín

Software Developer

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🌐 Bryan Sáenz 🔄 Balsata

Profile

Fullstack Developer with experience in building **scalable and efficient web applications** using technologies like **Python, Django, JavaScript, React, and Node.js**. My background in **mechatronics engineering** has equipped me with an analytical mindset and strong problem-solving skills, allowing me to develop structured and optimized solutions.

I am highly focused on **process optimization and performance enhancement**, with expertise in **PostgreSQL and MongoDB databases, RESTful API integration, and agile methodologies (Scrum/Kanban)**. Additionally, I have solid skills in **Git/GitHub version control, Linux/Docker infrastructure management**, and creating **responsive and accessible user interfaces**.

I seek to contribute my technical skills and continuous learning mindset in dynamic teams, where I can develop **innovative and high-impact solutions**.

Professional Experience

Software Developer

Nov 2023 – Present

MEDIAEREA / Drone Solutions & Monitoring Technologies 🌐

- Designed and developed high-performance, scalable web applications leveraging **Django** for backend and **React** for frontend, ensuring seamless **API** integrations and optimal user experience.
- Built responsive user interfaces with **React, Django Templates, HTML, CSS, JavaScript, and Bootstrap** to enhance user experience and accessibility.
- Designed, maintained, and optimized **PostgreSQL databases** for efficient data storage and retrieval.
- Conducted regular **code reviews and debugging** to ensure high-quality software performance and seamless functionality.
- Utilized **Python libraries** such as **Pandas and NumPy** to process and analyze data, generating insights that informed the development of various web applications.
- Implemented **Git and GitHub** for version control, repository management, and collaborative coding.
- Managed project tasks and workflows using **GitScrum**, improving team collaboration and productivity.

Education

Mechatronics Engineering

Universidad Tecnológica de Chihuahua

Sep 2016 – Sep 2020

Chihuahua

Hard Skills

- | | | | |
|--------------|----------------|--------------|-------------|
| • Javascript | • Python | • C++ | • C# |
| • Java | • Linux | • HTML & CSS | • SQL |
| • Django | • Git / Github | • React | • Node.js |
| • Express.js | • MongoDB | • Sequelize | • Bootstrap |

Soft Skills

- Agile Methodology
 - Attention to Detail
- Communication
 - Persistence and Patience
- Time Management
 - Collaboration / Teamwork
- Adaptability
 - Problem-Solving / Critical Thinking

Languages

Advanced English

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Native Spanish

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Personal Projects

ConectaLocal

Python - Django fullstack app

- Developed an application named *ConectaLocal* with the goal of enhancing the management and efficient handling of citizen requests by government organizations.
- Backend developed using **Python** with the **Django** framework.
- Frontend created with **HTML/CSS**, **JavaScript**, and **Bootstrap**.
- Implemented a well-documented **REST API**.
- Implemented user login and registration for enhanced security.
- Successfully integrated external services to retrieve pertinent information.
- Utilized **PostgreSQL** as the primary database management system.
- Developed the application in compliance with the **Open311** standard for government request management.

Text Encryptor

Encryptor using keys

- Developed a custom text encryptor allowing conversion of words to encrypted versions and decryption back to the original, exclusively for lowercase letters.
- Designed the user interface using **HTML/CSS**.
- Ensured a **responsive design** suitable for any device.
- Implemented the encryption logic using **JavaScript**.

Coinbase Clone

Clone using a Figma template

- Developed a responsive web page design inspired by Coinbase, utilizing a Figma template. The objective was to replicate the interface and user experience of the Coinbase platform.
- Designed the Coinbase homepage using a Figma template.
- Created an intuitive and user-friendly interface.
- Implemented a **responsive design** that seamlessly adapts to various devices and screen sizes.
- Utilized web technologies, including **HTML**, **CSS**, **SASS**, and **Bootstrap** to achieve the desired design and functionality.

Courses and Certifications

Cloud Computing

Bedu

2024

Javascript Fullstack Developer

Bedu & Santander

2023

Oracle Next Education

Oracle & Alura Latam

Frontend specialization

2023

Python Fullstack Developer

Thincrs

2023

English for Science and Technology

University of Alberta

2022