

Sebastián Burgos Alanís

Software Developer

✉ sebasburgos02@gmail.com

☎ 55-1353-6199

📍 México, Atizapán

🔗 Portfolio

🌐 <https://github.com/Burgos222>

🌐 LinkedIn

PROFILE

Computer Science graduate with strong foundations in full-stack web development, mathematical algorithms, and a specialization in AI for Data Science. Passionate about continuous learning, contributing to high-impact tech projects, and driven by a deep interest in music and racket sports.

EDUCATION

B.S in Computer Science and Technology

Instituto Tecnológico y de Estudios Superiores de Monterrey

2020 - 2024 | México

Specialization in Advanced Artificial Intelligence for Data Science. GPA: 92.69 / 100

LANGUAGES

B2 Certificate in English

SKILLS

Languages & Frameworks Python, TypeScript, JavaScript, C#, React, React Native, Node.js, Flask, Unity

Databases MySQL, MongoDB

Styling & UI Tailwind CSS

DevOps & Cloud AWS, GCP, Oracle Cloud, Docker, Vercel

Tools & Workflows Git, GitHub, Postman, Agile Methodologies

AI & Data Science SkLearn, Keras, Mesa

PROFESSIONAL EXPERIENCE

Freelance

Web Developer

2024 - present | México

Worktek

Conversiones Flora

Built and deployed fully functional web applications using React, Next.js, and Tailwind CSS, integrating EmailJS and TypeScript for robust functionality and UI.

Whatsapp ChatBot

Built a WhatsApp chatbot for a medical office using Libromi, enhancing client communication.

Conversiones Flora S.A. de C.V.

Administration and Software Development

08/2022 - present | México

Company specialized in the production of paper napkin tissue.

Led the company's digital transformation by developing a custom internal web application to optimize production processes. Also managed administrative operations to improve accounting and logistics workflows.

Recubrimientos Alanís S.A. de C.V.

Direction's Assistant

01/2021 - 08/2022 | México

Company dedicated to the manufacturing of rollers for the paper, textile, steel and printing industries.

Observe, review, and confirm quality standards, production metrics, financial and administrative indicators to identify deviations and root causes.

PROJECTS

No-Linger

OXXO

2023

Serverless mobile application developed using React Native, employing Artificial Intelligence to recognize potato chip bags on a shelf through photographs. AI implementation built using technologies such as SkLearn and Keras, among others.

Participation in training the AI model, the design and development of the UX/UI.

Multi-Agent Systems Modeling

personal-project

2022

Developed a multi-agent system in Python using the Mesa library, simulating a city with traffic lights and vehicles modeled as automata. Designed and implemented a navigation system embedded in each vehicle, similar to Waze, using the Dijkstra algorithm. The simulation ran in a 3D Unity environment, with the backend hosted on Flask.