



DIANA BASILIO

Software Developer



 dianabasilio99@gmail.com  +52 8180199305  <https://github.com/dianabasilio>
 <https://my-portafolio-irid.vercel.app>  <https://www.linkedin.com/in/diana-karen-basilio>

EXPERIENCE



Full Stack Software Developer

-  May 2022 - Now  DEACERO, mty N.L.
- Developed from 0 an online store platform (e-commerce) for employees with React js, Typescript, Javascript, Loopback, PostgreSQL.
 - Covered 90% of the scenarios with testing in Jest and React testing library.
 - Dockerized and integrate ci/cd to deploy the backend and frontend to amazon web services.
 - Implemented Openpay for payments and Auth0 for authentication and authorization solutions to make the plataform more secure.
 - Worked in an agile environment with Jira and daylies, github pull requests following best practices in writing reliable and maintainable code.
 - Constant communication with designers using Figma and stakeholders to solve doubts.
 - Designed and implemented AI-driven solutions, including an image recognition and analysis system that generates JSON data for intelligent matching with Deacero's article database via semantic search (embedding-based). Contributed to the development of user platforms using Next.js and Python.

Full Stack Software Developer



-  Mar 2021 - Apr 2022  Industronic, mty N.L.
- Internship using Ruby on Rails, then PHP with Laravel, database with mysql and postgresql. Created new code for the back-end and front-end developing the graphic user interface with html, css, javascript and jquery that helped to create a energy monitor online interface.

Internship Process engineering



-  Jan 2020 - Jul 2020  DENSO, mty N.L.
- Responsible for the documentation of processes for the new production line of an automotive company constantly speaking in English with employees.

STEM and Mathematics Teacher

STEM Teacher



-  Jan 2018-Dec 2018  O-Tech Academy, mty N.L.
- Teach English classes about electronics, 3D printing, Arduino, video game programming and EmBot Robots, STEM in multiple schools around Nuevo León.

Mathematics Teacher



-  Jan 2015-Jan 2016  KUMON, mty N.L.
- Teach and solve doubts that students had about advanced mathematics.

COURSES



Web programming Full-Stack (Bootcamp/Intensive Course)

-  Jun 2021- Dec 2021  Digital House, Remote
- Create websites and web systems using programming languages (HTML, CSS, JavaScript, Node.js, React.js and express). Work as a team using agile methodologies (SCRUM) based on participatory methods. Dedicating to this course 4 hours a day. (Diploma)


Introduction to digital skills Certificate

-  May 2021  FESE, Remote
- Create websites and web systems using programming languages (HTML, CSS, JavaScript, Node.js, React.js and express). Work as a team using agile methodologies (SCRUM) based on participatory methods. Dedicating to this course 4 hours a day. (Diploma)


Docker the practical Guide


-  Feb 2023 - Apr 2023  UDEMY, Remote
- 23.5 hours.
 - Learn what Docker and Kubernetes are and why you might want to use them.Learn about Container Networking with Docker Networks and DNS Service Discovery.Understand complex topics like managing and persisting data with Volumes

Next Js 15 & React

-  Mar 2025 - Apr 2025
UDEMY, Remote
• 40.5 hours

Python Course

-  Jun 2020 - Aug 2020
UDEMY, Remote
Certified LabVIEW Associate Developer
 Jan 2018 - May 2018
National Instruments, ITESM
Automation and Control-Diplomat

-  Mar 2019 - Sep 2019
FIME, mty, N.L.
• 90 hours, PLC programming

EDUCATION

Mechatronics Engineering Degree

-  Sep 2017 - Dec 2021
Universidad Del Valle De Mexico

TECH STACK

JavascriptTypeScriptPython

ReactJsNodeJsCSS/HTML

ExpressJsNextJsRemixAWS

GCPgitDockerPHPRedux

RelayGraphQLWebpackJest

Ruby on RailsReact Testing Library

LANGUAGES

- Spanish-Native
- English-C1
- French-A2

MANAGE OF

Visual Studio CodeMicrosoft Office

Mac OSWindowsLINUXAuth0

GithubGitlabJira

Cursor/Copilot/AIFigmaBitbucket

Raspberry PiAgile development

VALUES

CommitmentAdaptability

ResponsibilityCommunication

CollaborationAim for extraordinary

EmpathyTeamworkImprovement