

DIEGO VEGA

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Education

Tecnológico de Monterrey

B.S. in Computer Science and Technology, Software Engineer

Aug. 2021 – Dec. 2025

Querétaro, Querétaro

Relevant Coursework

- Web Development
- Software Development
- Software Methodologies
- OOP
- Big Data Analytics
- Business Intelligence
- Data Structures and Algorithms
- Machine Learning
- Cloud Computing

Experience

Blackdot - CR Organizacional

Software Developer | Python, Odoo

Feb. 2024 – June 2024

Querétaro, Querétaro

- Developed a new module in Odoo focused on organizational well-being, through the creation and management of surveys for client employees to assess workplace climate, comply with NOM035 standards, and gather insights with personalized surveys.
- Created custom models, views, and controllers for the survey form resulting in a 40 minute reduction of the process.

Cloudhub (Freelance)

Front End Developer | React.js, HTML/CSS, JavaScript, Figma

Nov. 2023 – Dec. 2023

Querétaro, Querétaro

- Developed the front end of home page of a SAAS startup application.
- Designed and translated Figma mockups into an interactive and high-quality implementation.

Academic Projects

(Working with Companies)

TDR Transportes | *React, Tailwind.css, Python, Dash, Figma.*

Sep. 2024 – Present

- Designed and developed an interactive dashboard by analyzing maintenance and repair data, providing insights to enhance decision-making.
- Built a predictive model using advanced statistical methods to forecast the number of days until the next repair for each component, aligning with the client's goal of reducing maintenance costs by 15%.

Iniciativa Climática de México | *Swift, Next.js, Tailwind.css, Notion, Figma, Xcode.*

Oct. 2023 – Nov. 2023

- Participated in the development of a mobile app and a landing page focused in connecting interested clients with suppliers that offered eco-friendly products.
- Processed information in the back-end of the app to visualize the characteristics of the eco-suppliers.

DispatchHealth | *HTML/CSS, JavaScript, Node.js, SQL.*

May 2023 – July 2023

- Participated in the development of a web application with the goal of enhancing project management efficiency for work teams through our software.
- Used Agile methodology to streamline project workflows, enhance team collaboration, and deliver high-quality results on time.

Technical Skills

Programming Languages: Python, HTML/CSS, JavaScript, SQL, Swift, C++.

Developer Tools: VS Code, GitHub, Git, Postman, Xcode, Unity, Figma.

Frameworks/Databases: React, MySQL, PostgreSQL, MongoDB.

APIs and Web Services: REST, JSON.

Relevant Information

Courses and Certifications

- The Complete 2024 Web Development Bootcamp.
- The Data Science Course: Complete Data Science Bootcamp 2024.
- iOS and Swift - The Complete iOS App Development Bootcamp.
- 100 Days of Code: The Complete Python Pro Bootcamp.

Languages

- Spanish (Native)
- English (Advanced)
- French (Beginner)