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EDUCATION

Instituto Tecnológico y de Estudios superiores de Monterrey - ITESM
B.S. in Computer Science and Technology Engineering

Graduation Date: May 2024
GPA: 96/100

EXPERIENCE

MedGlobal Group / *Software Developer*

Sept. 2022 – Dec. 2022

- Worked on the company's marketplace and virtual magazine focused on medical equipment, products, and services.
- Using *TypeScript, React, CSS, HTML, GraphQL, Apollo, Next.js*.

Micronics Mx / *Front-end Developer*

Apr. 2021 – July 2021

- Developed in conjunction with the CTO an update of the bus tracking platform, route monitoring, travel history, billing, and report creation.
- Used *JavaScript, React, Redux y Sass*.

Vitale Biosignals / *Front-end Developer*

Apr. 2021 – June 2021

- Worked collaboratively to implement a web application that generates medical reports based on clinical formats and allows patient registration.
- Used *JavaScript, React, Redux and Sass*.

MAJOR PROJECTS

STEM Clubs on Campus / *Member*

- Cybersecurity Tec:** Cybersecurity Representative Team of ITESM. Collaborator in the Educational Area.
- Roborregos:** Robotics Representative Team of ITESM. Participated in projects that promote education, technology, and robotics in Mexico

Nov. 2020 – Dec. 2022

Moonlight NFT Labs / *Co-founder and Software Developer*

- Created a Multichain Launchpad (EVMs, Solana, and Terra) with custom smart contracts to mint NFT tokens.
- Deployed an NFT Sales bot compatible with Twitter and Discord as well as a Verification Bot to power DAOs (Decentralized autonomous organizations).
- Used *React.js, Node.js, Redux, Sass, Solidity, Rust, Moralis, Ether.js*.

Dec. 2021 – Sept. 2022

Ternium: Gas Monitoring System / *Software Developer*

Jan. 2022 – Apr. 2022

- Developed a web application to monitor gas leaks in a steel factory, including an interactive map to analyze gas concentrations over time.
- Used *Node.js, React.js, Unity, and MySQL Databases*

SEMS: Social and Environmental Monitoring System / *Front-end Developer*

- Developed as a team a web application that generates data on factors that impact the health of the student community through a monitoring system for a post-pandemic scenario.
- Created a dashboard to interact with the metrics of the student flow and environmental variables in real-time.
- First place in “Conexión Tec” competition in the category "Software Prototype Development."
- Used *React, HTML, Sass, Redux, and Socket.io for the API interactions*.

Jan. 2021 – June 2021

SKILLS

Programming languages:

JavaScript	3 years
Java, Python, C++	2 years
Matlab, PHP	1 year
Swift	6 months

Technologies:

React, Redux, Node.js, Laravel, Sass, HTML, CSS, MySQL, MongoDB, Git, Rust, Solidity, Unity, GraphQL, Flask, Swift
Next.js, WEB 3.0 tools (Remix, Nodes, APIs, Libraries)

Languages:

Spanish	Native
English	B2 Pearson Certificate
French	B1 (IB) Diploma

Awards:

Scholarship for Academic Talent – ITESM
1st Place – *Conexión TEC: Software Prototype Development*
1st Place – *Hack MTY: Banorte's Challenge*