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EDUCATION

Tecnológico de Monterrey

B.S. Computer Science and Technology Engineering
Aug 2020 – Jun 2024

- Gained a Scholarship for Academic Talent

PROJECTS

We The People

E-commerce website for graphic t-shirt business | Nov 2024

- Led the complete project lifecycle of an e-commerce website using **Next.js (React)**, **TypeScript**, and **Tailwind CSS**, with **Stripe** for payments, **Nodemailer** for order confirmations, and **next-auth** for admin access.
- Designed a **PostgreSQL** database schema and implemented **RESTful API** endpoints for efficient data handling.

Galería del Dulce

Efficient Candy Store Orders Platform | Jul 2023

- Developed an order management platform using **Next.js**, integrating seamlessly with the iPos API for real-time inventory updates and order creation.
- Reduced order processing time by 50% through the implementation of QR code scanning for cart building.

Order Registration Platform

Order Registration Platform for a Local Shop | Jul 2023

- Developed an order registration and printing system using **Vue.js** and **Node.js** with **Express.js**.
- Utilized **Knex** and **Object.js** for efficient database handling and query building.
- Streamlined operations with printable order receipts.

Perficient AI Chatbot

AI-Powered Chatbot for Enterprise Productivity | May 2023

- Co-developed an AI chatbot using **Angular** for the frontend and **OpenAI API** for natural language understanding, integrated with **Azure DevOps** and **Outlook APIs**.
- Enabled employees to query organizational data, manage tasks, and schedule meetings, improving productivity and workflow efficiency.

CERTIFICATIONS

- Meta's Above and Beyond Computer Science Program
- Career Essentials in Software Development, by Microsoft and LinkedIn
- Harvard's CS50x

PROFESSIONAL EXPERIENCE

Software Engineer

TechShare | Feb 2025 – Present

- Develop backend services with AWS Lambda, DynamoDB, and API Gateway.
- Build and integrate RESTful APIs with external services.
- Manage cloud resources (S3, Secrets Manager) for secure data handling.
- Develop responsive UIs with Next.js, ensuring seamless frontend-backend integration.
- Contribute to the full development cycle, from planning to testing and deployment.

Full Stack Development Intern

Buildpeer | Jan 2023 – Jul 2023

- Full-stack development for web and mobile apps using React, React Native, and Agile methodologies.
- Proficient in React, Redux, Object.js, RTK Query, and Material UI for responsive user interfaces.
- Created API methods, handled data storage, and managed database tables.
- Strong bug-fixing skills, implemented production-ready features.

Software Development Intern

GUUD Consulting | Oct 2022 – Jan 2023

- Gained hands-on experience in web development using React.
- Utilized Python and Selenium to automate processes, extract data from XML files, navigate the web, and generate CSV reports.
- Contributed to the development of various features, components, and bug fixes in React and React Native projects.

SKILLS

Technical Skills

- **Frontend:** Next.js, React, Tailwind CSS, HTML, CSS
- **Backend:** Node.js, SQL /NoSQL, Databases, APIs, Vercel, AWS
- **Languages:** TypeScript, JavaScript, Python
- **Tools:** Git, Agile methodologies, OOP, VS Code, Copilot

Soft Skills

- Effective communication, adaptability in team environments, critical problem-solving, and collaboration in agile settings.

Languages

- Spanish (Native)
- English (Highly Proficient)