ISAAC QUINTERO HIGUERA

SOFTWARE ENGINEER

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Executive Summary

Highly qualified Software Engineer with expertise in programming, mechanics, electronics, and automation. Committed to project completion with a focus on excellence. Passionate about programming and dedicated to incorporating design aesthetics, particularly focused on front-end technologies. Ready to contribute dynamic skills to a forward-thinking team.

Technical Skill

- JavaScript
- HTML5/CSS
- Typescript
- UX
- Bootstrap
- Git
- SQL/NoSQL
- Figma
- jQuery
- Tailwind
- CI/CD
- Jenkins
- Linux/Unix
- Python
- ML
- OOP
- Jest
- SQL
- AWS
- Postman

Stacks

- MEAN (Mongo, Express, Angular, Node.js)
- MERN (Mongo, Express, React, Node.js)
- PERN (Postgress, Express, React, Node.js)

Work Experience

Tech support| Tata Consultancy Services - Paypal   *February 2024 - Now*

Maintained and administered Jenkins CI/CD pipelines to ensure reliable deployment environments. Supported PayPal applications built with Node.js and React by checking package depenencie issues and comparing code reviews and versions using best Github practices. Collaborated with cross-functional teams to streamline automation pipelines

Data Analyst | Tata Consultancy Services - Bswift   *December 2023 - February 2024*

Analyzing and processing customer data, utilizing my understanding of metrics to guarantee data accuracy. Developed the ability to extract valuable insights from data, which inform decision-making processes.

IT Trainee | *Tata Consultancy Services*   *September 2023 - December2023*

Actively engaged in learning cutting-edge technologies for software product development, including MERN, Cloud, Unix, SQL, and Java. Gaining practical professional experience. Receiving guidance from mentors and dedicated to self-learning.

Projects

Budget control web application   *February 2024 - March 2024*

Designed and built a budget tracking app using TypeScript and React. Implemented global state management with Zustand and React Hooks to optimize data flow. Styled the app with TailwindCSS, ensuring responsive and consistent design. Used Git to track the versions of my changes. URL: https://budgetadmin.netlify.app/

Task Manager web application   *December 2023 - January 2024*

Developed a task management system with a PERN stack (Postgres, Express, React, Node.js). Built the backend with Node.js and Express, and the frontend with React, managing global state with Zustand. Integrated Jest testing to validate key components and ensure software reliability. URL: https://inventorymanagerproject.netlify.app/

UX Case Study – E-commerce Paper Company   *August 2022 - November2022*

Conducted a full case study starting with problem research and definition. Framed the challenge and carried out the study following Google's UX design methodology. Designed both low- and high-fidelity prototypes in Figma. Performed usability studies, iterating on feedback to refine the solution. Delivered a final high-quality mockup that enhanced navigation, accessibility, and overall user experience. URL: https://www.isaacqh.com/ux-mafer

Certificates

Google UX Design Certificate   - https://www.coursera.org/account/accomplishments/professional-cert/T8PNA9HHQ5TC

Education

Tecnológico de Monterrey, Guadalajara (ITESM) | BS Mechatronics Engineering   *August 2018 - December 2022*
Prepa Tec, guadalajara (ITESM)   *January 2016 - May 2018*

Aptitudes

- Creative, Growth mindset, Integrity, Collaboration, Flexibility

Languages

- Spanish (Native), English (PTEG3 Merit B2) , German (Basic)