Enzo Altamirano

Full Stack Software Developer

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○ AltaciosTheDev

Profile

Self-taught software developer with a B.Sc. in Mechatronics Engineering, experience in software quality assurance, and a background in the automotive industry. Combining expertise in hardware systems, electronics, and full-stack development, I am dedicated to building reliable, scalable, and high-performance software while solving complex problems with logic, creativity, and a commitment to continuous learning.

Skills

HTML • CSS • Javascript • Typescript • React.js • React Router • Material UI • TailwindCSS • Python • Flask • SQLAlchemy • Node • Express • Mongoose • SQL • MongoDB • PostgreSQL • Manual Testing • API Testing • Playwright • Flux Architecture • Github • Git • Scrum • Agile

Projects

SkillSwap, *Educational platform to learn, teach and connect with a community of learners and mentors.* ↗
- Enabled users to learn skills through personalized filters and schedule one-on-one sessions with mentors.
- Enhanced user engagement with a session history profile management, and favorite mentor system.
- Boosted learning effectiveness with a dashboard for statistics, achievements, and relevant news.
- Enabled users to accept or reject tutor requests and view of incomming sessions for learning and teaching.

Design, Construction, and Control of a SCARA robot prototype with 5 DOF, *Mechatronics Engineering Thesis* ↗
Designed to overcome limitations, enhancing vertical working area, productivity, and flexibility of mounting areas.
- Developed math models of direct and inverse kinematics for robot movement and tested with MATLAB.
- Mechanical movement programmed in Arduino and GUI interface and integration developed with C#.
- Recipient of the 'Best Thesis Presentation' award within the cohort.

Education

Full Stack Software Developer, *4Geeks Academy* ↗   12/2023 – 05/2024 │ Remote
- Comprehensive skill set in full stack development and essential soft skills tailored to the demands of modern software development roles.

Bachelor of Mechatronics Engineering, *UNITEC* ↗   2016 – 2021 │ Honduras
- Scholarship recipient due to high academic performance.

Professional Experience

Software Quality Assurance Analyst, *Insightt*   07/2024 – present │ Remote, United States
- Developed complex SQL queries to validate and ensure the accuracy of site metrics.
- Conducted manual testing on core app features for both mobile and web platforms, ensuring functionality.
- Created and prioritized test tickets based on feature requirements and project timelines.
- Categorized and tracked tickets effectively, collaborating with team members to align with release schedules.

Software Quality Assurance Intern, *4GeeksAcademy*   05/2024 – 07/2024 │ Remote, United States
- Cataloged bugs by identifying and classifying errors based on severity and urgency, ensuring swift response.
- Developed and executed test cases to ensure software functionality and identify defects.
- Collaborated with developers to understand requirements, reproduce issues and provide efficient bug resolution.

Product Engineer, *Lear Corporation*   10/2021 – 08/2023 │ SPS, Honduras
- Facilitated seamless collaboration between engineering teams, ensuring effective integration of design revisions.
- Implemented rigorous quality control measures ensuring final deliverables met customer expectations.
- Resolved design flaws and manufacturing challenges with innovative solutions.

Languages

Spanish
Native

English
Advanced