LUIGI AARON JACELA

CONTACT

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🪪 https://luigiaaronjacela.github.io/webporfolio/

EDUCATION

ZUITT
March 2025 – Present
- Full-Stack Web Development

TECHNOLOGICAL UNIVERSITY OF THE PHILIPPINES- Manila
June 2015 – April 2018

- Bachelor of Science in Electronics Engineer

TECHNOLOGICAL UNIVERSITY OF THE PHILIPPINES- Cavite
June 2012 – April 2015

- Bachelor Technology in Electronics

ADDITIONAL SKILLS

- Proficient in Microsoft Office
- Strong problem-solving and analytical skills
- Teamwork & Collaboration
- Customer Negotiation & Automotive Design Solutions
- Hardware Troubleshooting & Diagnostic Skills

SKILLS SUMMARY

- **Front End Web Development**: HTML, CSS, Bootstrap, Git and GitHub
- **Back End Development:** JavaScript, Node.js, Express.js, MongoDB, Postman, REST API
- **Design Software:** Circuit Simulation, LTSplice

Work Experience

Junior Design Engineer
Yazaki Philippine EDS Techno-Service, Inc. — *October 25, 2021 – Present*

- Review and interpret wiring harness designs for automotive parts based on customer-provided documentation.
- Perform circuit simulations to verify fuse lists and ensure proper wiring protection and voltage drop.
- Create output reports based on circuit simulations and share findings with customers.
- Communicate directly with clients to plan job orders, negotiate deadlines, and manage man-hour allocations.

Test Debug Engineer
Test Tech Group (DDAP) — *December 03 2018 – May 21 2021*

- Provided line sustaining and debugging support for hardware-related issues, specifically with LTXMX and KVD systems.
- Utilized C++ and Linux Cadence applications for software debugging and hardware analysis.
- Gained experience using Xilinx Vivado for programming GMSL1 and GMSL2 Daughter Cards.
- Employed various testing tools such as GBD and Limit Generator for correlating data from newly built load boards.
- Interpreted hardware schematics to diagnose and resolve issues with malfunctioning equipment.

PROJECT EXPERIENCE

Personal Portfolio
Project Title: Personal Portfolio Website (Capstone 1)
Role: Zuitt Student (Front-end Developer)
https://luigiaaronjacela.github.io/webporfolio/

Description:
- Created a visually stunning personal portfolio website using HTML, CSS, and Bootstrap to showcase projects, skills, and professional achievements. The site is designed to be fully responsive, ensuring an optimal viewing experience across all devices.
- Developed portfolio with mobile-first design in mind. Interactive project gallery with image light box and custom CSS animations for a dynamic user experience. Styling with Bootstrap's grid system and components.