

CONTACT

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- <https://webporfolio-6419.vercel.app/>

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

LUIGI AARON JACELA

SKILLS SUMMARY

- Front End Web Development:** HTML, CSS, Bootstrap, Git and GitHub
- Back End Development:** JavaScript, Node.js, Express.js, MongoDB, Postman, REST API
- Fullstack Development:** React.js, API Integration with Fetch and Trello
- 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: Zuit 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.

E-commerce API Documentation
Project Title: API Documentation (Capstone 2)
Role: Zuit Student (Back-end Developer)
<https://documenter.getpostman.com/view/44619369/2sB2xCgos1>

- Description:
- Creating a Dynamic E-Commerce Workflow Management system involves a robust backend architecture that supports dynamic routing, real-time operations, and secure user management. Below is a detailed outline of how such a backend system can be structured.

E-Commerce Workflow Management with React
Project Title: E-commerce App (Capstone 3)
Role: Zuit Student (Full-stack Developer)
<https://b546-csp3.vercel.app/>

- Description:
- This system utilizes a React-based frontend connected to a dynamic, scalable backend to manage e-commerce workflows efficiently.