LUIGI AARON JACELA

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🪪 https://webporfolio-6419.vercel.app/

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EDUCATION

Zuitt Coding Bootcamp
March 2025 – July 2025
- 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, JavaScript, React.js, Responsive Web Design, Git & GitHub

- **Back End Development:** JavaScript, Node.js, Express.js, MongoDB, Postman, REST API

- **Fullstack Tools:** JWT Authentication, Fetch API, Vercel Deployment, Trello Integration

- **Design Software:** Circuit Simulation, LTSplice

Work Experience

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

- Performed detailed circuit simulations and fuse list validations to support automotive wiring design accuracy.
- Improved project delivery efficiency by facilitating direct client coordination and ensuring timely milestone tracking.
- Verified and resolved ambiguous circuit design queries through simulation analysis and client discussions, leading to clearer and more accurate outputs.
- Assisted in planning and distributing job orders, supporting smoother workflows across cross-functional teams.

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

- Diagnosed hardware issues on LTXMX and KVD systems using Linux-based debugging tools to ensure stable test environments.
- Contributed to the development of internal debugging procedures, improving consistency in troubleshooting practices.
- Supported device programming and validation using Xilinx Vivado, and performed correlation analysis to ensure new hardware matched or exceeded original data benchmarks before production release.
- Reviewed and interpreted hardware schematics to troubleshoot malfunctioning equipment and recommend solutions.

PROJECT EXPERIENCE

Personal Portfolio
Project Title: Personal Portfolio Website (Capstone 1)
Role: Zuitt Student (Front-end Developer)
https://webporfolio-6419.vercel.app/
Description:
- Designed and developed a responsive personal portfolio to highlight professional projects, skills, and achievements. The site is optimized for mobile, tablet, and desktop viewing, providing a clean and engaging user experience. It serves as a central hub to showcase development capabilities and personal brand identity.

E-Commerce Workflow Management System
Project Title: Dynamic E-Commerce Workflow Management (Capstone 2)
Role: Zuitt Student (Back-end Developer)
https://documenter.getpostman.com/view/44619369/2sB2xCgos1
Description:
- Developed a comprehensive RESTful API for an E-Commerce Workflow Management system, built with **Node.js**, **Express**, and **MongoDB**. The backend is designed to handle dynamic routing, secure user authentication, and efficient product and order management. This Postman documentation provides an organized, developer-friendly reference for all endpoints and usage instructions.

PROJECT EXPERIENCE

E-Commerce Platform Development
Project Title: MERN E-Commerce Platform (Capstone 3)
Role: Zuitt Student (Full-stack Developer)
https://b546-csp3.vercel.app/
Description:
- A full-featured e-commerce workflow management system built using **React** for the frontend and a scalable **Node.js/Express** backend with **MongoDB** integration. The platform supports user registration, product browsing, cart management, and order processing. Admin users can manage product listings and view orders, enabling seamless business operations.

Static Educational Hub
Project Title: Static CarHub
Role: Zuitt Student
https://luigiaaronjacela.github.io/EducationalCarHub/
Description:
- Built a visually engaging and fully static educational website using **HTML** and **CSS**. "CarHub" demonstrates foundational front-end development skills and showcases a basic catalogue-style layout—ideal for showcasing vehicles or related educational content. The project highlights my ability to translate design into functional, responsive web pages.

Movie List Documentation
Project Title: MERN Movie
Role: Zuitt Student
https://movie-app-iota-brown-13.vercel.app/
Description:
- Developed a dynamic movie review platform that allows users to explore movies and engage by commenting and sharing their thoughts. The app enables users to post their reactions, rate films, and interact with others—enhancing community-based discussions. Built using **React** for the frontend and **Node.js/Express** with **MongoDB** for the backend.

Full-Stack Blog Platform
Project Title: MERN Blog
Role: Zuitt Student
https://blog-app-react-one.vercel.app/
Description:
- Built a full-stack blogging platform that allows users to create, read, update, and delete blog posts, as well as comment on posts. The app supports both regular users and admins, with secure JWT-based authentication and role-based access. The UI is clean, responsive, and optimized for user engagement and readability.