

Dexter Jethro C. Enriquez

Quezon City, Metro Manila • +63 905 572 8344 • dexterjethro.enriquez@gmail.com • <https://djenriquez.dev>

EDUCATION

Ateneo de Manila University

Bachelor of Science in Computer Science

Relevant Coursework: Data Structures & Algorithms, Discrete Mathematics, Digital Logic Design

Scholarships: Jose P. Rizal Academic Scholarship (Full-Ride); EO-Ayala Skolar Grant

Quezon City, Philippines

Expected May 2028

Puerto Galera National High School - Main Campus

Science, Technology, Engineering, and Mathematics Strand

Honors: Class Valedictorian (Graduated with Highest Honors)

Awards: 8th Place/Bronze Medalist out of 3050 participants, CSE National Math Challenge; Best Research Award

Puerto Galera, Oriental Mindoro

May 2024

TECHNICAL SKILLS

Programming Languages: TypeScript, JavaScript (ES6+), Python, Java, HTML, CSS

Frameworks/Libraries: Next.js, React, Node.js, Tailwind CSS, Framer Motion, Django, Supabase

Tools: Git, GitHub, Vercel, React Flow, Vite

Operating Systems: Windows, macOS

PROJECTS

Aklatang Galera

aklatang-galera.djenriquez.dev

Sole Developer

Feb 2026 - Mar 2026

- Architected a centralized civic portal using Next.js and React, consolidating 100+ educational, livelihood, and government resources into a unified, dual-language dashboard.
- Optimized for mobile-first accessibility with Lighthouse Performance scores of 100 on desktop and 98 on mobile, and a perfect SEO score of 100 across both, featuring an integrated Semantic Scholar-powered research engine.
- Implemented technical SEO, including sitemaps, Open Graph metadata, and structured robots directives; launched to the Puerto Galera community, driving 170+ engagements and 50+ shares within the first three days.

LogiSketch | Boolean Equation Visualizer

logisketch.djenriquez.dev

Sole Developer

Jan 2026 - Feb 2026

- Engineered a reactive logic system using Next.js, featuring a top-down recursive descent evaluator to synchronize Boolean equations with truth tables and functionally complete NAND/NOR circuits.
- Implemented the Quine-McCluskey Algorithm for automated Boolean reduction, deriving minimal Sum-of-Products (SOP) forms to optimize hardware gate count with 100% truth-table fidelity.
- Developed a custom routing system using React Flow, forcing vertical bus alignment for power/ground rails to generate high-fidelity, professional engineering schematics.

ACE & Company Official Website

aceandco.org

Sole Developer

Jan 2026 - Feb 2026

- Architected a high-performance corporate platform using Next.js App Router and RSC, achieving perfect 100 Lighthouse scores in Performance, SEO, and Best Practices (98 on mobile).
- Developed a fluid, responsive UI/UX with Tailwind CSS and Framer Motion for interactive animations, ensuring seamless cross-device compatibility.
- Automated search engine visibility by implementing dynamic sitemap.xml, robots.txt, and Open Graph tags for a specialized accounting services firm.

LEADERSHIP AND ACTIVITIES

Supreme Secondary Learner Government

Puerto Galera National High School

President

Aug 2023 - May 2024

- Directed campus-wide operations and budget management while authoring student manual revisions to ensure academic flexibility for student competitors.
- Pioneered a committee-based organizational structure and partnered with Stairway Foundation Inc. to deliver reproductive health education (Project C.A.R.E.) to 200+ students.
- Mobilized a multi-organization coalition for the International Coastal Cleanup Day, leading cross-functional volunteer teams to advocate for environmental sustainability.

SKILLS AND INTERESTS

Languages: Fluent in English and Filipino

Technical Interests: Web Development, Boolean Algebra, Performance Engineering