Royce Allen Respicio

AI Engineer | Computer Science Student

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EDUCATION

National University Las Piñas | Bachelor of Science in Computer Science 2025 – Present

PROJECTS

NULP Junior Marketing Association Website 2026

Next.js, React, TypeScript, Sanity

- As sole developer, built the official website for National University Las Piñas' Junior Marketing Association, with **9** public pages on Next.js 16, React 19 and Tailwind CSS v4.
- Set up an embedded Sanity Studio with **7** content types (activities, officers, gallery, FAQs and more), so content can be updated without touching code.
- Wrote **23** automated test files, including WCAG color-contrast and Content Security Policy checks, with GitHub Actions CI that lints, type-checks, tests and builds every change.

Personal Portfolio and Content Platform 2026

Next.js, React, TypeScript, Sanity

- Built an editorial portfolio on Next.js 16 (App Router) and React 19 with TypeScript and Tailwind CSS v4, backed by a Sanity headless CMS with custom schemas for projects, essays and site settings.
- Implemented on-demand page revalidation through a secret-protected Sanity webhook, plus draft-mode previews so content changes go live without a redeploy.
- Validated all CMS content at runtime with Zod and shipped it as a Progressive Web App with offline support (Serwist), an RSS feed, sitemap, JSON-LD structured data and generated Open Graph images.
- Wrote **18** automated test suites with the Node.js test runner, including a WCAG AA color-contrast check, and set up GitHub Actions CI to lint, type-check and test every push.

CERTIFICATIONS

Microsoft Certified: Azure AI Fundamentals, Microsoft Sep 2026

Nebius AI CloudOps Engineer, Nebius Academy Aug 2026

Nebius Agentic AI Builder, Nebius Academy Aug 2026

Nebius AI Leader, Nebius Academy Aug 2026

IT Specialist - Java, Certiport May 2026

SKILLS

Languages: TypeScript, JavaScript, HTML, CSS

Frameworks and Libraries: React, Next.js, Tailwind CSS, Node.js, Zod

Tools and Platforms: Sanity CMS, GROQ, Git, GitHub Actions, pnpm

MEMBERSHIPS

Junior Philippine Computer Society: Member

Analytics and Artificial Intelligence Association of the Philippines: Member