

NEPHI BARRERA

Tech Lead and CEO

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Technical Skills

Programming Languages: Javascript/Typescript • Java • Python
Tech Stack: MERN (MongoDB, ExpressJS, React, NodeJS)
Technology: Google Cloud • APIs (OpenAI, Amazon TTS, NewsData.IO) • SEO

Work Experience

- Tech Lead and CEO** – Synec Inc. June 2024
– February 2025
- Founded Synec Inc., my town's first and only tech startup, bootstrapped with personal savings right after graduation. Synec has an initial valuation of Php 1 million.
 - Oversaw operations, partnerships, and funding strategies, securing Php 300,000 worth of software development projects and positioning Synec for future growth with a projected valuation increase of 2.8 million pesos.
 - Built and managed a growing developer network, collaborating with 3 freelance developers and mentoring 1 junior developer, improving team efficiency and code quality.
 - Solely conceptualized, developed, and launched Plynt, a news aggregator app that lets users see how news connects and paints the big picture.
 - Led business strategy and product innovation, making key decisions on technology, marketing, and monetization, resulting in 1,000+ organic downloads and 100-150 daily active users (DAUs) within the first few months.
- Web Developer** – Freelance November 2019 – May 2024
- Developed an offline exam system for 100+ students, enabling instant results and reports.
 - Built a rental tracking system managing 50+ units, reducing manual work by 70%.
 - Created an inventory & reservations system for a restaurant, optimizing 500+ items and cutting order errors by 40%.
 - Developed an exam system for 5,000+ applicants at Isabela State University, automating course suggestions.
- Android Developer** – Freelance August 2021 – May 2024
- Developed a tourism app for Isabela Province, featuring 50+ landmarks for yearly ~12,500 tourists with real-time navigation using Google Maps & Directions API.
 - Built a mushroom recognition app identifying 5,000 species, retrieving instant data from the Wikimedia API, for the farmers in Cauayan, Isabela.
- Intern** – Department of Information and Communication Technology (DICT) - Camaligan, CS June 2023 – July 2023
- Led a team of 7 students in designing, developing, testing, and maintaining a web application that streamlines the process of assigning unique ID numbers to various government forms.
 - Processed 100+ documents using the said system after deployment.

Education

Bachelor of Science in Computer Science Camarines Sur, PH
Partido State University 2020 – 2024

Associate of Science in Computer Science California, USA
University of the People 2021 – 2025

Projects & Accomplishments

Plynt	Synec Inc.
A groundbreaking news aggregator that connects multiple perspectives on a news story, offering a deeper understanding of current events. Built with the MERN stack for scalability, it seamlessly integrates NewsData.io, Amazon TTS, and OpenAI ChatGPT to enhance user experience with AI-driven insights and voice accessibility.	The official website of Synec Inc. (https://synecsoftware.com). Developed and designed entirely in just two weeks by me, the site serves as a hub for the company's vision, technology, and insights. It also features a growing collection of thought-provoking articles, reflecting inspiration, ideas, and innovations shaping the tech landscape.