

JENO D. BELLIDO

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WORK EXPERIENCE

AI Software Engineer

April 2024 - Present

SharpNexus (Toronto, Canada)

- Responsible for full-stack development, including **planning, designing, and implementing features across the entire software development lifecycle, along with integration of cloud solutions (AWS)**
- Led the implementation of a Retrieval-Augmented Generation (RAG) system** using OpenAI and open-source models, featuring **real-time, voice-based interaction** that allows users to talk naturally with the AI—creating a **fluid, human-like experience** for discussing database data.

Software Engineer

April 2024 - Present

Mediaset (Oslo, Norway)

- Responsible for **software design and planning, full stack development (web and mobile), and integration of cloud solutions (AWS)**.
- Lead of the development** for one of the company's software products. **Involved in planning and design** on how to implement specific features (creating documentations). Utilized top of the line technology stacks to manage codebases.

Software Engineer (Part-time)

Feb 2024 - April 2024

Forever Passion Dream Inc. (New York, United States)

- Specialized in developing web applications** that **leverage artificial intelligence (OpenAI)** to address the specific technical requirements, **and developed an e-commerce website using Shopify** to ensure quick and efficient delivery of the system.
- Lead of the AI integration for the company's software product.** Utilized OpenAI, and open source AI models to solve specific problems and enhance software features.

Software Developer Intern

Jan 2024 - April 2024

Spring Valley Tech Corp. (Bago City, Philippines)

- Engaged in an immersive **software development training** program while also gaining experience in **cloud-based development (Amazon WS)**.

EDUCATION

West Visayas State University

La Paz, Iloilo City

Bachelor of Science in Computer Science (Artificial Intelligence)

2020 - Present

Summa Cum Laude

RELEVANT PROJECTS

SafetyPin <https://safetypin.onrender.com/>

2023

- Led a team** that developed an **algorithm-centric web application** that utilizes Dijkstra's algorithm to recommend safe routes, and KDE algorithm to provide crime pattern analysis based on the actual crime data of the region.
- Tech Stack: React.JS, FastAPI, PostgreSQL, Render, JavaScript, Bootstrap, CSS, HTML.

- ContentSite** <https://explore-content-site.vercel.app/> 2023
- Developed a **full-stack web application** that enables users in **generating and disseminating content** organized through the utilization of hashtags (#), offering precise categorization and enhanced accessibility.
 - Tech Stack: Next.JS, MongoDB, Node.JS, Express.JS, Javascript, TailwindCSS CSS, HTML.
- Iloilo Coffee House** <https://iloilo-coffee-house.onrender.com/> 2023
- Developed a **full-stack product rating and review** web application for Iloilo Coffee House using **MERN stack**.
 - Tech Stack: React.JS, Node.JS, Express.JS, MongoDB, Render, JavaScript, Bootstrap, CSS, HTML.
- Swiftify** <https://swiftify.onrender.com/> 2023
- Leveraged the **Spotify API** to dynamically showcase users' most-listened-to Taylor Swift tracks.
 - Tech Stack: Flask, Render, JavaScript, Bootstrap, CSS, HTML.
- GENPIXEL** <https://gan-comvis.onrender.com/> 2022
- Developed a web application utilizing a trained **Generative Adversarial Network (GAN)** AI model to generate new face images from a dataset of 10,000 instances.
 - Tech Stack: Flask, Render, JavaScript, Bootstrap, CSS, HTML
- PneumoScan** <https://pneumoscanai.onrender.com/> 2022
- Developed an **AI-driven web application** that enables users to upload chest X-rays for analysis, providing insights into the likelihood of pneumonia based on **CNN modeling** with **90% accuracy**.
 - Tech Stack: React.JS, FastAPI, JavaScript, Bootstrap, CSS, HTML.

RELEVANT AWARDS

- One of the Top 10 Innovations – BPI – DOST Innovation Awards 2023** 2023
- Represented our institution and led a team** in a **national competition** presenting our thesis, SafetyPin, at the **BPI-DOST Innovation Awards 2023**, showcasing our collaborative efforts in developing impactful solutions.
- Top 2 Most Outstanding Student in Technology in Western Visayas** 2024
- Represented our institution at the Tech Awards 2024**, which honors the achievements of technology students. Earned the distinction of being named the **2nd Most Outstanding Student** in Technology, and **gained the Tech for Good award**.

Other Awards: Summa Cum Laude, Most Outstanding Graduate, Highest Distinction, Most Outstanding Intern, Gold Medal for Academics, Dean's Medals for Excellence (Academics, Innovation, Proficiency in AI), Philippine Society of Information Technology Educators (PSITE) Award for Excellence in IT.

SKILLS & INTERESTS

Skills

- Frontend** - Next.JS, TypeScript, React.JS, Redux, JavaScript, Tailwind, MUI, Bootstrap, CSS, HTML
- Backend** - Odoo, Nest.JS, Node.JS, Express.JS, FastAPI, Flask, PostgreSQL, MongoDB, MySQL
- Others** - AWS, Docker, Artificial Intelligence

Interests

- Artificial Intelligence, Software Planning and Design, Full stack Development