

# Christopher Orlanda Castro

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Portfolio

## EXPERIENCE

### AI and Machine Learning Advocate

Aug 2024 - Jan 2025

*AI Pilipinas Cebu*

- Published AI/ML blogs that garnered 171+ views and 94+ reads, covering real-world applications in healthcare and business, showcasing deep technical expertise and industry relevance.
- Developed and deployed AI-powered web applications, demonstrating practical AI impact in solving real-world challenges, particularly in medical research and predictive analytics.

### Software Engineer Intern

Jul 2024 - Nov 2024

*Symph*

- Developed frontend and database solutions for [theonehourproject.app](https://theonehourproject.app), directly collaborating with clients to deliver high-quality, production-ready software in a fast-paced 1-month sprint.
- Optimized AI-driven UX for the GOAB Photobooth Kiosk, using prompt engineering for an interactive face-swap experience at Geeks on a Beach 2024 and DevFest 2024, impressing investors and developers.

### Best Overall Open Source Contributor

Oct 27, 2024

*Cebu Hacktoberfest 2024*

- Awarded Best Overall Open Source Contributor at Cebu Hacktoberfest 2024 for improving deployment and user experience in community platforms like PizzaPy Cebu Community Website and Cebby Startup.
- Delivered impactful feature enhancements and bug fixes, showcasing strong problem-solving and collaboration in open-source environments.

### Programs and Speakers Director

Sept 2024 - Present

*Google Developer Group Cebu*

- Led DevFest 2024's execution, managing program flow and speaker coordination to ensure a seamless, high-impact event.

## PROJECTS AND CONTRIBUTIONS

(Check my portfolio for more)

### UseClass - Automated Diagram Conversion | *Next.js, Express.js, TypeScript, Firebase* Aug 2024 – Dec 2024

- Played a key role to the development of an AI-powered web app that automated 80% of diagram conversions and reduced manual workload by 70% for student users, enhancing productivity and accuracy.
- Integrated an AI chatbot and UX improvements, coordinated a 3-member dev team, and deployed the app on Render—achieving 95% positive feedback from final project evaluations.

### RetinAI - DR Detection App | *React Native, ResNet-34, Python, Supabase*

Jan 2025 - April 2025

- Led a cross-functional team of 3 in developing RetinAI, a mobile AI application for early diabetic retinopathy detection; awarded **Best Research Paper** and **Best Oral Presenter** at CIT's 14th Research Congress.
- Spearheaded end-to-end development, from AI model training to mobile app deployment, integrating AI image classification with a 3D-printed retinal imaging device.

## TECHNICAL SKILLS

**AI and Data Science:** TensorFlow, Scikit-learn, Pandas, NumPy, Kaggle

**Technologies:** JavaScript (TypeScript), Python, C#, Java, SQL, React, PHP, Next.js, Angular, Node.js (NestJS, Express), ASP.NET Core, Spring Boot, Django, Streamlit, Tailwind CSS

**Databases, Cloud and Tools:** PostgreSQL, Supabase, Firebase, Git, Docker, Postman, Railway, VS Code, Jira

## EDUCATION

### Cebu Institute of Technology University

*BS Computer Science*

- Cum Laude**

Cebu City, Philippines

Graduating this May 17, 2025