

# Harold Martin Patacsil

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## EDUCATION

**Polytechnic University of the Philippines**  
Bachelor of Science in Computer Science

Aug 2023 - Present

**PHINMA University of Pangasinan , Urdaneta City**  
Science, Technology, Engineering, and Mathematics

Aug 2021 - Jun 2023

## EXPERIENCE

### Software Development Lead

Sept 2023 - Present

[Google Developer Students Club](#)

- Manages over 150+ cadets, cooperates with co-leads, and handles subject matter experts
- Report to the Chief Technology Officer about tech stacks and projects
- Partnered with different departments such as AI/ML, UI/UX, Data, and Cybersecurity teams.

### Founder & Consultant

Oct 2022 - Present

[martinsoft](#)

- Spearheaded business development, marketing, and operations, resulting in a monthly recurring revenue.
- Successfully recruited and managed a team of dynamic developers.
- Established white-label services and forged strategic partnerships with MSMEs to drive business growth.

### Co-Founder

May 2022 - Present

[Incline](#)

- Proficiency in various javascript frameworks, enabling efficiency in full stack development for web applications.
- Contributed to upskilling projects, gaining valuable hands-on experience in collaborative software development.
- Execute effective communication skills, and strengthen the brand's presence through the strategic use of social networks.

### Business Developer & Partner

Sept 2022 - Feb 2023

[Corebloc](#)

- Co-learned business development strategies with a partner.
- Developed a website using Django, HTML, CSS, JS, Messenger SDK, and integrated Calendly.
- Attracted a Russian investor from an accounting firm, fostered agency partnerships, and implemented an affiliate revenue model.

### Software Engineer Intern

Sept 2023 - Feb 2024

[Sandbox](#)

- Build expertise in creating scalable and maintainable full-stack applications specializing in constructing efficient admin panels, dashboards, and CRM platforms.
- Develop proficiency in using modern UI libraries like Mantine and Shadcn UI to design intuitive and visually appealing interfaces
- Learn to develop advanced mass email-sending features from scratch, leveraging SMTP and the Gmail API

## TECHNOLOGIES

**Languages:** TypeScript, JavaScript ES6+, Python, Java, C, C++, C#, SQL, NoSQL, HTML, CSS

**Frontend & APIs:** Next.js, React.js, Angular, REST API, GraphQL, React Native, Material UI, Flutter, Mantine

**Backend & Database:** Node.js, Nest.js, Nuxt.js, Django, Laravel, MySQL, PostgreSQL, MongoDB, Firebase, Supabase

**CI/CD:** Git, Vercel, Github, Linux, Hostinger, Cloudflare, Netlify, AWS, GCP, Azure,

**Machine Learning:** Tensorflow, Streamlit, sci-kit, Langchain, GPT

## RELEVANT PROJECTS

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### **PyGabay App**

- All-in-one solution designed to enhance the conference experience for PyCon PH 2024.
- Built on Nextjs 14 leveraging SSR, framer motion, firebase, and tailwind, netlify
- Handled during the event, production level, loved and relied on by over 200+ attendees

### **PUCU Pathfinder**

- Conceptualized, proposed, and single-handedly developed the website of the first online library of PHINMA UPang College Urdaneta.
- Led a diverse team of 17 members, including Project Managers, Designers, Analysts, and Research Specialists, from project initiation through the research defense presentation to the panelists.
- Pooled for international research study competition within the whole PHINMA UPang College Urdaneta.

### **Mang Rey Mushroom Chicharon**

- Conducted a comprehensive case study focused on digital marketing strategies.
- Specialized in Google Business and Google Ads to enhance online visibility and reach.
- Applied data-driven insights and marketing techniques to optimize campaign performance.

## AWARDS & COMPETITIONS

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### **STARTUP Hackathon Champion 2023 | Development Academy of the Philippines**

- Secured 1st place out of 75 teams by developing a mobile application that simplifies access to various city services, delivering our winning pitch deck in a 48-hour buzzer-beater challenge.

### **Sole Searcher's Hackathon Finalist 2023 | Eskwelabs**

- Developed innovative digital marketing strategies and branding concepts to empower traditional leather footwear MSMEs in Marikina to thrive in the e-commerce industry.

### **Case Competition Finalist 2023 | Tahak Tech: Career Adventure Awaits**

- Catalyx, inspired by the concept of a catalyst, is a platform designed to fuel career advancement in tech while navigating the fine line between leveraging AI and preserving human jobs.

### **CODE GREEN Qualifier 2024 | First Gen Code Green**

- Carbon-neutral using LSTM for energy optimization, air quality sensors with LoRaWAN for monitoring, and a mobile app with rewards and charging stations, setting a green standard.