Harold Martin Patacsil

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EDUCATION

Polytechnic University of the Philippines   Aug 2023 - Present
Bachelor of Science in Computer Science

PHINMA University of Pangasinan , Urdaneta City   Aug 2021 - Jun 2023
Science, Technology, Engineering, and Mathematics

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.

Full Stack Developer   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

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

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.