Sebastian Temporal

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EDUCATION

Polytechnic University of the Philippines   **Manila, PH**

Bachelor of Science in Computer Science   *Graduation Date: Sep 2025*

Uplift Code Camp   **Online Bootcamp**

6-Month Full Stack (MERN) Web Development Bootcamp   *Graduation Date: Mar 2024*

WORK EXPERIENCE

JLabs   **Remote**

Full Stack Developer Intern   *Dec 2024 - Present*

- Built and maintained full-stack web and mobile applications using Laravel (PHP), React, and React Native, focusing on performance, scalability, and clean architecture.
- Enhanced user interface, user experience, and application reliability by debugging issues, optimizing form validation, improving error handling, and refactoring backend logic for efficiency.

Spiralytics Inc.   **Makati, PH**

Full Stack Developer Intern   *Jul 2024 - Sep 2024*

- Integrated Jira with Acclivity (in-house task management and time tracker software) with Laravel, automating ticket/task creation and reducing repetitive tasks which resulted in a 40% increase in team's productivity across all departments.
- Contributed in implementing the client portal in Perf (in-house performance tracker software with Google Analytics). This implementation allow our clients to have a limited access to Perf, leading to a 15% increase in client satisfaction rate.

PROJECTS

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DeFlakynator (Python, React, NLP, RAG,)   *Aug 2024 - Dec 2024*

- Fine-tuned UnixCoder to be able to classify a fix category of async wait flaky test written in JavaScript and then utilized Llama 3 with RAG (Retrieval-Augmented Generation) to generate the fixed version of the flaky test.
- This model achieved 92% in the evaluation metrics (accuracy, precision, recall, and f1-score) after training for the classification task part. This model also achieve an average of 70% in its performance for generation task part using CodeBLEU.

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CalorAide (Python, Kivy, Firebase)   *Jan 2023 - Feb 2023*

- A mobile app to track your daily calorie intake. It includes a calorie goal calculator, lose/maintain/gain weight modes, calorie tracker, and progress tracker through history and data visualization graphs.

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NavCart (Android, Java)   *Feb 2024 - Apr 2024*

- It is a mobile app that leverage shortest-path route to enhance your grocery shopping experience. Its main feature is to help you get the most efficient path in order to shop grocery items in your list.

LEADERSHIP EXPERIENCE

AWS Cloud Club PUP

Backend Lead (Department of Web Development)   *Oct 2024 - Present*

- Lead and mentor members in backend development using PHP and Laravel.
- Organize and participate workshops on Web Development Department and guide projects in UI/UX, Frontend, and Backend development.

PUP - ASCII

Assistant Vice President - Research & Extensions   *Oct 2022 - Aug 2023*

- Spearheaded weekly social media campaigns featuring bite-sized programming tips and tech-related holidays, resulting in a 80% increase in engagement metrics.
- Coordinated and facilitated the Academic Quiz Bee event, leading to a participation rate of 80 students from different schools, demonstrating strong organizational skills.

SKILLS

Skillset: HTML, CSS, JS (ES6), TypeScript, ReactJS, React Native, Node.js, ExpressJS, NestJS, Laravel, PostgreSQL, MySQL, MongoDB, Git, Python, REST API, Trello, Jira, Vim, NeoVim, Linux, Arch Linux, Figma

Certifications: Full Stack Web Development, Crash Course on Python, Data Everywhere, Foundations of UX Design