AMARJEET C. SINGH

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EDUCATION

SOUTHERN LUZON STATE UNIVERSITY Lucban, Quezon
Bachelor of Science in Computer Engineering 2020 – 2024

RELEVANT EXPERIENCE

I-BUILD.PH WEB SERVICES AND SOLUTIONS Marikina, Metro Manila
Web Developer Intern February – March 2024

- **Led troubleshooting efforts for critical Drupal issues**, diagnosing and resolving complex system conflicts, and collaborating with the team to **improve the functionality and stability** of client websites.
- **Utilized Drupal CMS for both backend and frontend development** of client websites, incorporating **custom CSS to enhance design and structure**, resulting in improved user interfaces and overall user experience.
- **Collaborated with an Agile team of 9**, utilizing Trello for project management, and successfully **delivered two major client projects ahead of schedule**.
- **Gained proficiency in Drupal CMS within 4 weeks**, managing the installation, configuration and customization tasks to **significantly enhance client websites**.

TECHNICAL SKILLS & PROJECTS

Programming Languages: Python, Java, JavaScript, TypeScript, PHP, C/C++
Frontend Development: HTML, CSS, Vue.js, Next.js, Tailwind CSS, Bootstrap, PyQt
Backend Development: Flask, Drupal, MySQL, SQLite, PostgreSQL, Prisma
Tools & Platforms: Linux, Git, Visual Studio Code, IntelliJ IDEA, Google Colab, Figma

AJS.DEV: PROFESSIONAL WEB PORTFOLIO | [GitHub Link] July 2024
Frontend Project

- **Built a scalable and responsive portfolio website using Vue.js and Tailwind CSS**, creating a seamless, **mobile-friendly experience** for all users.
- **Achieved exceptional performance and accessibility**, with **Google Lighthouse scores of 100 on desktop and 96 on mobile**, showcasing a focus on delivering fast, reliable, and accessible websites.
- **Simplified the development process with Git for version control and Vercel for deployment**, ensuring smooth updates and continuous integration for a **consistent, high-quality user experience.**

PAY-PER-PRINT: KIOSK DESKTOP APPLICATION | [GitHub Link] April - June 2024
Undergraduate Thesis

- **Utilized Raspberry Pi and PyQt to create a cost-effective and scalable solution**, achieving an **80% reduction in form retrieval time** and significantly improving process efficiency compared to the previous manual method.
- **Designed an intuitive PyQt interface**, praised for its simplicity and effectiveness, earning a **96% student approval rating**, demonstrating high user satisfaction and effective design.
- **Led a team of three**, guiding the overall architecture and implementation of a Raspberry Pi-based kiosk system, addressing the need for a **faster**, **more efficient student form retrieval process**.

CS50X'S STOCK FINANCE SIMULATOR | [GitHub Link] November - December 2023
Harvard Online Coursework

- **Integrated Yahoo Finance API**, ensuring **accurate real-time stock data**, allowing users to make informed, real-time trading decisions within the simulator.
- **Designed and built a responsive interface using HTML and CSS**, optimizing accessibility and functionality across both desktop and mobile devices, **improving the overall user experience**.
- **Built a full-stack web application** as part of **Harvard's CS50X online coursework**, using **Flask** for backend and **HTTP request management**, showcasing strong web development skills.

LEADERSHIP & MEMBERSHIP ACTIVITIES

CLASS PRESIDENT OF 2ND SEMESTER 2024
Southern Luzon State University

- **Led and represented the class** in **university events and meetings**, fostering **communication between students and faculty**.
- **Organized group activities**, managed responsibilities, and maintained **class unity** during a critical academic period.

MEMBER, SOCIETY OF COMPUTER ENGINEERING STUDENTS (SCOPES) 2020 - 2024
Southern Luzon State University

- **Participated in workshops and events** to develop **technical skills** and enhance **professional growth.**

MEMBER, INSTITUTE OF COMPUTER ENGINEERS OF THE PHILIPPINES (ICpEP) 2023 - 2024
Region IV-A

- **Engaged in seminars and conferences**, collaborating with **peers and professionals** in the field of **computer engineering**.