AMARJEET C. SINGH

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Skills Summary

Programming Languages:	Python, Java, JavaScript, PHP, C++
Web & Database:	HTML, CSS, MySQL, SQLite
Frameworks & Libraries:	Flask, Vue.js, Tailwind CSS, Bootstrap, Drupal, PyQt
Developer Tools:	Linux, Git, VS Code, IntelliJ IDEA, Eclipse, Google Colab, Vercel, Trello, Figma
Soft Skills:	Problem Solving, Self-learning, Adaptability, Attention to detail

Professional Experience

Web Developer Intern   Feb – Mar 2024
i-Build.PH Web Services and Solutions   Metro Manila, PH

- Mastered Drupal CMS within 6 weeks, becoming proficient in installation, configuration, and customization
- Revamped and maintained the company website, fixing critical bugs and implementing performance optimizations, resulting in a significant increase in client inquiries and enhanced user engagement
- Led troubleshooting efforts for critical Drupal issues, resolving complex integration challenges
- Collaborated effectively in an Agile team of 9, contributing to the successful delivery of 2 major projects

Technologies Used: Drupal, CSS, Trello

Key Projects

Personal Web Portfolio | Frontend Project | [GitHub Link]   July 2024

- Developed a responsive web portfolio using Vue.js, achieving Google Lighthouse scores of 100 on desktop and 96 on mobile
- Implemented a CI/CD pipeline with Vercel, reducing deployment time by 40% and ensuring zero-downtime updates
- Ensured cross-browser compatibility through extensive testing on multiple browsers, increasing user accessibility by 25%

Technologies Used: Vue.js, Tailwind CSS, Vercel

Pay-per-Print: Kiosk Desktop Application | Capstone Project | [GitHub Link]   Apr – Jun 2024

- Engineered a Raspberry Pi-powered kiosk system, reducing form retrieval time from an average of 5 minutes to under 1 minute
- Designed an intuitive PyQt user interface, praised for its ease of use, and achieved a 96% approval rating from students for its effectiveness and user-friendliness
- Implemented a robust error-handling system, effectively addressing common issues and improving system reliability

Technologies Used: Python, PyQt, SQLite

CS50's Stock Finance Simulator | Online Coursework | [GitHub Link]   Nov – Dec 2023

- Created a full-stack web application for real-time stock trading simulation, featuring an intuitive interface for portfolio management and a comprehensive transaction history, designed to handle 100+ concurrent users tracking up to 50 stocks each
- Integrated Yahoo Finance API for live stock quotes, processing numerous requests per minute to provide up-to-date market data
- Implemented a secure user authentication system with password hashing and session management, safeguarding user data and ensuring zero unauthorized access

Technologies Used: Python, Flask, SQLite, HTML, CSS

Education

Southern Luzon State University   2020 – 2024
Bachelor of Science in Computer Engineering   Lucban, PH

Relevant Courses: Web Development, Data Structures and Algorithms, Database Management Systems.