

Pan Phoo Eain

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Skills

Programming: Python, JavaScript, Java, C/C++, Haskell, Rust, Assembly

Web Development: HTML, CSS, React, Next.js, Tailwind CSS, Node.js, FastAPI

Tools: Git, Linux, VS Code, Vercel, Figma, Docker

Soft Skills: Communication, Teamwork, Adaptability, Problem Solving

Projects

Love At First Paw – Group Project

Jan 2025 – Apr 2025

JavaScript, HTML, CSS, React, Next.js, Tailwind CSS, Node.js, Vercel, Mapbox, Petfinder API, Jest, Playwright

- Collaborated in a 4-member team to design and implement a responsive pet-adoption web app using Next.js, React, and Tailwind CSS.
- Integrated Petfinder and Mapbox APIs to enable real-time pet listings and interactive shelter navigation, improving accessibility for adopters.
- Implemented a quiz feature that helps users find pets matching their preferences and lifestyle.
- Deployed through Vercel with automated CI/CD pipelines and Jest + Playwright testing, achieving over 95% deployment success rate and faster feature delivery.

SmarterAI – AI-Powered Flashcard Generator (Personal Project)

Nov 2025 – Present

JavaScript, Python, HTML, CSS, React, Next.js, Tailwind CSS, FastAPI, Vercel, Google Gemini API

- Created an AI-powered flashcard generator that helps users instantly build study decks from any text or topic.
- Integrated Google Gemini 1.5 for dynamic question-answer generation, demonstrating practical experience with AI model APIs.
- Designed an intuitive dark-theme interface with flip animations and responsive layouts, enhancing usability across desktop and mobile devices.

Education

Simon Fraser University, Bachelor of Applied Science – Software Systems

Sept 2023 – Present

- Focus: Full-stack development, software design, and computer systems
- Selected Coursework: Object-Oriented Design, Data Structures and Algorithms, Software Engineering, Computer Systems, Database Systems, Comparative Programming Languages

Other Experience

Big Way Restaurant, New Westminster, BC – Host / Server / Food Runner / Cashier

May 2025 – Present

- Adapted to multiple roles weekly, demonstrating strong multitasking, communication, and teamwork skills in a fast-paced environment.
- Supported smooth customer service operations by managing orders, payments, and guest seating efficiently.
- Strengthened interpersonal and problem-solving abilities while maintaining a positive dining experience for guests.

Interests

Web Applications, AI Projects, Photography, Swimming, Playing Guitar