

# Sally Dou

Master's Graduate Student in Applied Computing at Lincoln University

✉ sallydou2023@gmail.com

☎ 020 4183 1021

🌐 [portfolio-sallydou.vercel.app/](https://portfolio-sallydou.vercel.app/)

## Summary

Software Developer with two years of hands-on experience in designing and developing robust web applications with React, Next.js, Tailwind CSS, Flask, Python, PHP and Git. My passion for software development and continuous improvement has been honed during my education at the university and my professional experience at SmartLeader. I am eager to contribute my skills to your organization, fostering an agile and productive development environment while collaborating effectively with teams.

## Technical skills

### Frontend

- React | Nextjs
- JavaScript | TypeScript
- Tailwind CSS
- Bootstrap
- Responsive Design
- Accessibility (WCAG)

### Backend

- Nodejs | Express
- Python
- Flask
- PHP
- SQL | NoSQL
- REST APIs

### Development Methodology

- Agile(Scrum)
- Kanban
- Ticket management

## Personal Skills

- Collaborative teamwork
- Problem-solving
- Friendly demeanor
- Self-motivation
- Actively learning
- Punctuality
- Multitasking

## Work Experience

### Software Developer

SmartLeader, Auckland

*Jun 2022 - Apr 2023*

#### Situation:

- Employed as a software developer at SmartLeader, where I am responsible for developing and maintaining multiple applications, including Leader Dashboard, and MyTeamPulse.

#### Tasks:

- Developed and maintained applications using JavaScript, jQuery, Bootstrap, PHP, and MySQL.
- Supported customers when requests came in and resolved customer production issues.

#### Actions:

- Designed and developed the Control Dashboard, streamlining workflow efficiency and providing quick access to client data.
- Created an innovative analysis page to offer users comprehensive statistics for weekly, monthly, and yearly data.
- Refactored the internal Email log page, resolving critical loading crashes.
- Redesigned and implemented a new internal Email log page.
- Collaborated with multiple teams within the company.

## Results:

- The newly implemented Control Dashboard enables users to make decisions with summarized data, significantly reducing workloads for users.
- The redesigned Email log page improved user experience, facilitating quicker data access with a modern interface.
- Contributed knowledge and productivity to multiple development teams that guided the project to success.

## Projects

### Donut Shop E-Commerce Web App

<https://github.com/hdou533/donut-shop>

An e-commerce platform built with a modern tech stack to provide a responsive and secure shopping experience.

- **Technologies:** Next.js, React, MongoDB, Stripe, NextAuth, react-hot-toast, Tailwind CSS.
- **Responsive Design:** Crafted a mobile-first user interface ensuring seamless experiences across all devices using Tailwind CSS.
- **Secure Payment Integration:** Implemented Stripe for handling real-time, secure payment processing.
- **Authentication & Authorization:** Integrated NextAuth for secure user authentication and personalized user experiences.
- **Dynamic User Feedback:** Utilized react-hot-toast to create real-time, customizable notifications, enhancing the user experience.

### CampGear E-Commerce Website

<https://sallydou1160393.pythonanywhere.com/>

A fully functional e-commerce website designed for browsing and purchasing camping gear.

- **Technologies:** Python, JavaScript, MySQL, Bootstrap, Jinja Templating.
- **Product Search & Browsing:** Developed a user-friendly product catalogue with search and filter capabilities.
- **Shopping Cart & Checkout:** Built a smooth shopping cart system, handling product selection, cart updates, and the checkout process.
- **User Account Management:** Implemented secure user authentication, allowing customers to manage their accounts and track orders.
- **Database Management:** Utilized MySQL for efficient product and user data storage, ensuring optimal performance.

## Education

### Master of Applied Computing

Nov 2023 - Feb 2025

Lincoln University

- **Web Development, Business Analysis, Python, Flask, SQL, JavaScript, Git**

### Master of Information Technology

Jul 2019 - Jun 2021

University of Auckland

- **Machine Learning, Data Analysis, Python, NumPy, pandas, scikit-learn**