

# Nguyen Hoang Ngan (Sienna)

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## EDUCATION

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### The University of Auckland

#### Master of Information Technology (MInfoTech)

July 2023 - Present

- **Relevant Courses:** Programming with web technologies (A+), Programming with Industry (A-)

#### Bachelor of Science - Biotechnology

2017- 2020

## TECHNICAL SKILLS

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**Programming Languages:** Java, JavaScript, Python, R

**Operating Systems:** macOS

**Technologies:** HTML/CSS, Git, Express, NodeJS, Tailwind, React

**Database:** SQL

## PROJECTS

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### Full- stack Blog Website

October 2023

<https://full-stack-blog-f6yb.onrender.com>

- Collaborated with a team of 6 and developed a fully functional web application with a dynamic Javascript-based front-end, an AJAX-based communication with a RESTful server-side API, a relational database that stores back-end application state.
- Developed a user-friendly and secure web platform with interactive features, including user registration, authentication, article commenting, likes, and subscriptions. Implemented a WYSIWYG editor for seamless content control. Utilized analytics to gain insights into content trends.
- Involved almost with front-end and back-end.
- Received full score/maximum marks for the project.

### Pokemon Exploration Website | Personal Project

Aug 2023

- Created an interactive Pokémon viewer website using HTML, CSS, and JavaScript, showcasing dynamic features. Integrated AJAX requests and API calls for real-time Pokémon information retrieval. Designed captivating animations to elevate site aesthetics and engagement.

## PROFESSIONAL EXPERIENCE

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### Front-end Developer & Data Analyst Intern | Sparklehaze | Singapore (Remote)

November 2023 - Present

- Utilized Typescript, HTML/CSS and Angular to design, develop and debug a user-friendly, adaptive, and responsive website for customers in hospital industry.
- Developed UI (user interface) for both client-site and administrative interfaces of Sparklehaze website.
- Implemented effective SEO (Search Engine Optimization) best practices and techniques to enhance website content and visibility.
- Analyzed data to help back-end team developed APIs for web application, improving functionality and user experience.

### Microbiology Lab Technician | AsureQuality Ltd

2019 - July 2023

- Conducted daily microbiological tests on water and environmental samples for government and private sector clients, ensuring precision and accuracy.
- Compiled, analyzed, and reported results to supervisor and scientific team in compliance with rules.
- Managed PC2 lab environment and conducted contamination investigations when necessary.

## ACHIEVEMENTS

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### 2023/2024 Global remote Internship (NextStep Connections)

- Selected as one of ten students for remote internship program.

## ACTIVITIES

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- Members of Web development & Consulting club, Developers Society, Data Science Club.