Stephen Parinas

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TECHNICAL SKILLS

- **Languages**: C#, TypeScript, JavaScript, Python, Java, SQL
- **Tools/Frameworks:** .NET, Angular, React, HTML/CSS, Flask, Spring Boot, Git, Docker

PROFESSIONAL WORK EXPERIENCE

Tidy International   **Jun 2023 – Present**

Graduate Software Engineer | Nov 2023 – Present   *Auckland, NZ*

- Collaborating with a team of 5-10 engineers to design, develop and release Tidy's next-generation cloud-based software, integrating solutions to streamline operations and enhance workflows across various business domains.
- Implementing new features using ASP.NET Core/C# and Angular/TypeScript, optimising server-side performance and ensuring seamless integration with the user interface to enhance the overall user experience.
- Analysing customer feature requests to translate feedback into actionable development plans, driving continuous improvement of Tidy's new and existing software products.
- Delivering technical support by addressing customer queries and troubleshooting software bugs, ensuring prompt resolution of issues to maintain high user satisfaction.

Software Engineer Intern | Jun 2023 – Nov 2023

- Integrated Tidy's clinic management software with Sidexis, a dental imaging software, enhancing operational efficiency for dental professionals.
- Conducted user research and gathered requirements by collaborating with healthcare professionals from Tauranga OMS, ensuring solutions aligned with clinical needs.
- Developed a .NET Framework/C# app utilising WebSockets for real-time transfer of patient data, optimising workflows in dental clinics.

OTHER WORK EXPERIENCE

The University of Auckland   **Nov 2020 – Nov 2023**

Teaching Assistant | Jul 2021 – Nov 2023   *Auckland, NZ*

- Assisted in conducting tutorial sessions for groups of up to 30 students, helping them to understand concepts and complete lab exercises and projects.
- Graded exams, tests and assignments for Engineering Science courses, ensuring fair assessment and providing constructive feedback to support student learning.

Summer Research Student | Nov 2022 – Feb 2023

- Evaluated and tested a deep learning model for segmenting 3D cardiac MRI scans to obtain reliable, patient-specific heart structures and help guide treatment decisions.
- Implemented Python code to train the model and analyse segmentation accuracy.
- Collaborated with research team members and presented findings, providing valuable insights to ongoing projects.

Summer Research Student | Nov 2020 – Feb 2021

- Analysed scientific literature to annotate computational models of cellular processes such as calcium dynamics.
- Tested and evaluated a web interface that uses natural language processing to query these models, improving their accessibility and reusability for researchers.

Catch a Fish Takeaway   **Jun 2019 – Oct 2020**

Casual Shop Assistant   *Auckland, NZ*

- Delivered friendly and efficient customer service in a fast-paced environment, ensuring smooth operations at peak hours.
- Handled cash and electronic payments accurately, and packaged food orders quickly and neatly, ensuring consistent presentation and customer satisfaction.

EDUCATION

The University of Auckland   2019 – 2023
Bachelor of Engineering (Honours) / Bachelor of Science conjoint

- Majored in Biomedical Engineering and Pharmacology (awarded First Class Honours).
- Awarded the Academic Potential Scholarship, valued at $20,000.
- Awarded First in Course for six courses, including digital signal processing, engineering computation & software development, pharmacokinetics, pharmacology & toxicology, biophysics, and Te Ao Māori.
- Recognised on the Faculty of Engineering Dean's Honours List from 2019 to 2022.

PERSONAL PROJECTS

Personal Budget Tracker   2025
https://github.com/stephen-parinas/budget-tracker

- Designing and developing a full-stack web application to monitor incomes, expenses, and budgets, offering an efficient way to manage personal finances.
- Building a robust backend with Java, Spring Boot, and PostgreSQL, implementing RESTful APIs for structured data access, and integrating JWT authentication for user access control.
- Implementing a dynamic frontend interface using React, TypeScript and Vite, enhancing user experience with interactive features and data visualisation.

Portfolio Website   2025
https://stephen-parinas.github.io

- Designed and created a personal portfolio website to showcase my projects, highlighting my skills and experiences.
- Utilised React, JavaScript, Tailwind CSS and Vite to build a modern and responsive user interface, while expanding my knowledge of frontend technologies and frameworks.

Last.fm to Spotify Playlist Generator   2023
https://github.com/stephen-parinas/lastfm-to-spotify

- Developed a Python-based web application to generate a Spotify playlist from a user's top songs on last.fm, utilising Flask to construct an interactive web interface.
- Integrated last.fm and Spotify APIs to efficiently extract and process music listening history, and used OAuth 2.0 authorisation for secure user login and playlist creation.