

# Hamish Phillips

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## About Me

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I am a bachelor's graduate from the University of Otago, having completed a Bachelor of Arts & Science in 2024, with majors in Software Engineering and Music. Over the past year, I have continued to grow my technical and professional skills through my work at Wellington Regional Hospital and my contracting work under Phillips Music & Tech. I take pride in my strong work ethic and consistently strive to produce work of the highest standard. I thrive on challenges, enjoy collaborating within a team, and take ownership of my individual responsibilities. My passion for technology, commitment to excellence, and drive to learn make me a valuable addition to any team.

## Key Attributes

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- **Time management** - I thrive in a busy environment and have become highly skilled at managing my time, balancing multiple projects, including two jobs, my music commitments and interests.
- **Problem solver** - My substantial capacity for creative, critical, and computational thinking makes me a highly effective problem solver in the development of packages and the maintenance of existing systems.

## Education

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**University of Otago** March 2021 – Oct 2024  
*Bachelor of Arts and Science - Software Engineering and Music*

- GPA: 6.8/9.0 ([Academic Transcript](#) 📄)
- **Coursework:** Cloud Computing Architecture, Applied Project, Enterprise Information Systems Infrastructure, Software Project Management, Web, Databases and Networks

**Bayfield High School**– *NCEA Level 3* 2014 - 2018

**NZ Full Drivers Licence - F,W,T,R endorsements.**

## Experience

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**Administrator** Wellington, NZ  
*Te Whatu Ora Health New Zealand – Integrated Operations Centre,* February 2025 – Present  
*Wellington Regional Hospital*

- **Manage staffing:** Coordinate placement of nurses, healthcare assistants, and midwives.
- **Patient travel assistance:** Oversee travel arrangements for healthcare staff.
- **Administrative support:** Maintain systems, support Bureau and Duty Nurse Managers.
- **Process improvement:** Optimize workflows and enhance operational efficiency.

**Self-Employed** Wellington, NZ  
*Phillips Music & Tech* February 2025 - Present

Independent Software Engineer providing custom software solutions for clients.

Delivering end-to-end development services including website development, application development, and technical consulting.

Responsibilities include:

- **Software Design & Development:** Design and build web and software applications tailored to client requirements.
- **System Maintenance:** Maintain and improve existing software systems and codebases.
- **Technical Problem Solving:** Identify and resolve technical issues across frontend and backend components.
- **Client Collaboration:** Work directly with clients to gather requirements and deliver technical solutions.

- **Testing & Quality Assurance:** Test, debug, and refine software to ensure reliability and performance.
- **Deployment & Support:** Assist with deployment, hosting, and ongoing technical support.

### Marketing Coordinator

Nichol's Garden Group Ltd - Part Time

Dunedin, NZ  
August 2022 - February  
2025

- **Website Management:** Oversaw product uploads, updates, and deletions; provided technical support and assessed future development opportunities.
- **Print Asset Coordination:** Managed print materials for Otago Daily Times and Southland Times.
- **Social Media Strategy:** Coordinated and executed social media plans for Nichol's Garden, Pet, and Landscape Centres; maintained weekly schedule for Rubys Cinema.
- **SEO & Ads:** Ensured SEO best practices on the website and managed Google Ad campaigns.
- **Team Collaboration:** Worked effectively as part of a cohesive management team.

### Tutor/Lab Demonstrator

University of Otago

Dunedin, NZ  
July 2024 - Oct 2024

- Tutored a second-year information science paper.
- Assisted students with debugging applications using Java and Vue.js.
- Assisted students with students with debugging applications using Java Servlets and JSP.

### Sound Technician

University of Otago

Dunedin, NZ  
March 2024 - Oct 2024

- Mixed live bands at U-Bar.

### Retail Assistant

Nichol's Garden Group Ltd - Part Time

Dunedin, NZ  
March 2021 - Aug 2022

### Web Administrator

Tomahawk Lagoon Citizen Science Team

Dunedin, NZ  
2019-2022

### Retail Assistant

Nichol's Garden Group Ltd - Full Time

Dunedin, NZ  
February 2019-Mar 2021  
Full Time

### Causal

Nichol's Garden Group Ltd

Dunedin, NZ  
August 2018 - Feb 2019

## Projects

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### Travel Tracker

- Currently working on a much-needed replacement for spreadsheet-based patient travel tracking. This system uses a centralised database with a modernised UI, to make travel data more accessible, reliable, and efficient for patient travel coordinators at Wellington Hospital.
- Tools Used: Backend: Java Springboot, Database: PostgreSQL, Build Tool: Gradle, CSS: TailwindCSS, Frontend: Vite/React

### Phillips Music & Tech Website

[Github Link](#) 

- Website developed for my personal portfolio of work
- Hosted at my own domain [phillipsmusictech.co.nz](http://phillipsmusictech.co.nz)
- Tools Used: Vercel, ReactJS + Vite, TailwindCSS.

### Southern Paediatrics Website

[Website Link](#) 

- Designed and built a website for a private Paediatric and Neonatology specialist based in Dunedin and Central Otago.
- The website is optimised to work on mobile, tablet and desktop platforms.
- Tools Used: NextJS, TailwindCSS, Vercel

## Review Engine

[GitHub Link](#) 

- Designed a light weight review-collection system to capture customer feedback before it reaches public platforms.
- Any reviews rated below three stars are prompted to send an email instead, allowing businesses to address issues directly and privately.
- Technologies: Docker, ReactJs, ExpressJs

## Technologies

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**Languages:** Java, SQL, GraphQL, NoSQL, Vue.Js, ReactJS, Python, Django, HTML/CSS, TailwindCSS, Latex, NextJS.

**Technologies:** XCode, VS Code, IntelliJ, PostgreSQL, MySQL, Docker, AWS, Apache Camel, macOS, Windows, Linux.

## Transferable Skills

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### *Leadership*

- Led a small team to plan and execute marketing strategies for Nichol's Garden, Pet, and Landscape Centres in collaboration with staff and designers.
- Maintained consistent communication across Otago/Southland stores to align advertising and merchandising efforts.
- Managed the organisation's image across print and digital platforms.
- Introducing process improvements within the Wellington Hospital Nursing Bureau.

### *Problem Solving*

- Diagnosed technical issues, updated website content, and adapted imagery as needed.
- Interpreted management needs and collaborated with developers to improve user experience.
- Assisted students in debugging code and understanding complex problems as a tutor.
- Improving efficiency at the Wellington Hospital Bureau by designing and building a custom uniform management system and travel tracker.

### *Agile*

- Adapted quickly across departments including Marketing, Dispatch, and Garden sectors.
- Acted as a liaison between managers and developers to deliver practical, future-proof web solutions.
- Demonstrated flexibility in learning new programming languages as needed.
- Respond effectively to rapidly changing situations at Wellington Hospital.

## Technical Skills

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### *Programming Languages & Web Development*

- 4+ years' experience in Java and JavaScript for application and web development, including work with Apache Camel.
- Maintained websites and managed content using DNN-based CMS (e.g., [nichols.co.nz](http://nichols.co.nz)).
- Quickly learned Django (Python) and ReactJS during the PantryPal university group project.
- Proficient in Vue.js and Node.js through university web development work.

### *Database Administration*

- Experienced with both SQL and NoSQL systems across multiple university projects.
- Used PostgreSQL for data warehousing and as a backend for web applications.
- Proficient in managing data using MongoDB.

### *Technical Support*

- Provided on-demand support at Nichol's, resolving technical issues for staff and customers.
- Diagnosed and resolved e-commerce problems by modelling and testing user flows.
- Provided support for colleagues working at the hospital, assisting with their day to day needs.

## References

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### **Rhys Gibbs**

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*General Manager  
Nichol's Garden Group*

### **Llanell Maarman**

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*Associate Charge Nurse  
Manager  
Wellington Hospital*

### **Mark George**

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*Senior Professional  
Practice Fellow  
University of Otago*