

# Karl Gildenhuis

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## Skills

- Javascript
- HTML
- CSS
- C#
- React
- .NET
- Git
- SQL
- API Development
- Scrum / Agile
- Debugging
- SAP

## Education and Qualifications

- **University of Auckland (2019 - 2022):** Bachelor of Science, majoring in Computer Science
  - ◆ A+ in Object Oriented Software Development
  - ◆ A- in Functional Programming and Distributed Services

## Experience

March 2023 – present

### Full Stack Software Engineer at Accenture, Wellington (New Zealand)

- **Application Development:** Part of the core team that developed the BlueWorx plant maintenance application, streamlining processes and enhancing operational efficiency.
- **Geospatial Integration:** Co-led the Esri maps integration for BlueWorx, improving geospatial functionality and delivering an enhanced user experience.
- **Bug Resolution:** Collaborated closely with functional consultants to identify and resolve critical system bugs, ensuring uninterrupted client operations.
- **Stakeholder Engagement:** Contributed to stakeholder meetings, evaluating and prioritising feature requests to align with client objectives and strategic goals.
- **Feature Implementation:** Successfully implemented numerous client-requested features, improving system functionality and user satisfaction.
- **Continuous Improvement:** Delivered ongoing bug fixes and enhancements to maintain optimal application performance and reliability.
- **Cross-Functional Collaboration:** Effectively communicated complex technical concepts to non-technical stakeholders to ensure alignment and understanding.

### Personal Project: [Leolang](#) | [Github](#)

- Developed **Leolang**, a web application designed to teach **te reo Māori** through interactive reading exercises, combining **React** and **Node.js** to deliver a seamless user experience.
- Created the application to support language preservation and cultural education, showcasing a deep commitment to fostering diversity and inclusion in technology.
- **Leadership & Technical Highlights:** Demonstrated initiative by independently designing, coding, and deploying the app, leading the end-to-end development process and integrating modern web practices to deliver a scalable and user-friendly solution.
- Passionate about community impact, leveraging Leolang to encourage others to embrace and learn te reo Māori, aligning with my volunteering spirit to give back to cultural and linguistic communities.

## Languages:

- Native/Advanced: English, Afrikaans, Dutch, German
- Intermediate: Spanish