

# Dean Phommahaxay

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## Professional Experience

### Software Engineer - Datacom (Datapay)

Dec 2023 - Current

**Technologies:** C# and .NET, Azure, REST APIs, SQL Server, Kafka, Workday HCM, Agile Scrum

Develop and maintain Datapay, a cloud-based payroll software serving 1 in 6 employees in New Zealand, and supporting enterprise clients from Australia.

Promoted within 18 months for consistent delivery, cross-functional collaboration, and leadership on key product features and client integrations to meet project deadlines.

Built and evolved the Datapay-Workday Global Payroll Connector, enabling seamless third-party payroll and HR integrations - a key factor in securing major enterprise clients.

Transition public facing APIs and webhooks from beta to production-ready, leading the design and delivery of a webhooks dashboard that reduced support time and business OpEx.

Contribute to team knowledge sharing through demos, documentation, and peer learning sessions, fostering collaboration and improvements in both technical and payroll domain knowledge.

Ongoingly provide technical expertise to resolve support cases, assisting our customer support teams.

### Software Engineer - Segna (YCW22)

Nov 2021 - Dec 2022

**Technologies:** React.js, TypeScript, Next.js, CSS

Built and maintained Segna's web platform and internal UI component library using React and TypeScript, supporting the company's first paying customers.

Led the development of a new marketing website and blog using Next.js during Y Combinator, contributing to increased site traffic and visibility during a key growth phase.

### Summer Engineering Intern - PHS Innovate

Nov 2020 - Feb 2021

**Technologies:** HTML, CSS, JavaScript, Node.js, Express

Contributed to an R&D project by integrating a Honeywell barcode scanner JavaScript SDK with an existing Postgres database, enhancing existing business workflows.

## Education

### Bachelor of Engineering (Honours) - University of Auckland

2020 - 2023

- Software Engineering First Class Honours
- Part I Engineering Dean's List
- Top Achievers Scholarship (\$20,000 NZD)

### NCEA Levels 1-3 (Excellence Endorsement) - Rutherford College

2015 - 2019

- Proxime Accessit (Runner-up to Dux Litterarum)
- Deputy Head Boy
- First XI Football

### Certifications and Courses

- Microsoft Certified: Azure Fundamentals (AZ-900) - Issued Feb 2025
- AWS Early Career Innovations Program (2021)

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## Interests

**Football (Soccer):** Passionate player and captain of my club's team, training twice a week and playing on weekends. Played at representative level, having played alongside now-professionals. Football has been an accelerator in developing my leadership, resilience, and discipline.

**Community & Charity:** Active in community engagement through charity initiatives. Raised over a thousand dollars for Movember by participating in marathons and endurance events to support men's health awareness.

**Science & Technology:** Enjoy exploring the foundations of computing, including OS internals, compilers, and mathematics. Often build toy systems from scratch as a learning exercise. I also enjoy tinkering with hardware and software — experimenting with an Arduino and various electrical components, and exploring Linux-based systems.