

BETH JACKSON

SOFTWARE DEVELOPER



● Copenhagen, Denmark
● +45 31 38 02 51
● beth.jack@gmail.com
● cph.kiwi/

SKILLS

PROFESSIONAL

- HTML
- CSS
- JavaScript
- TypeScript
- React
- Vue 2 and 3
- Git
- Redux
- Tailwind
- SQL
- Next
- Node.js
- Express
- Vercel
- MDX
- Heroku
- Project Management

EDUCATION

- **SOFTWARE DEVELOPMENT**
Hack Your Future
Dec 2020 - Jun 2021
- **PRINCE 2**
University of Westminster
Nov 2014 - Dec 2014
- **BACHELOR OF SCIENCE (PSYCHOLOGY)**
University of Otago
Feb 2001 - Oct 2005
- **BACHELOR OF COMMERCE (MANAGEMENT)**
University of Otago
Feb 2001 - Oct 2005

PROFILE

I am a Frontend developer currently building an AI-powered literature review tool at Silvi.ai. Originally from New Zealand, I hold two degrees from the University of Otago, where I studied Management, Psychology, and Philosophy. My journey into tech began in January 2020 when I decided to pursue a more fulfilling career path, teaching myself to code through freeCodeCamp and HackYourFuture. To my delight, I discovered software development to be deeply creative – a side of myself I'd never fully expressed before. My interdisciplinary background has proven surprisingly valuable, offering unique insights into user behavior and interface design, while my training in management and philosophy has shaped my approach to team leadership and logical problem-solving, helping me write cleaner, more thoughtful code.

SELECTED PROJECTS

cph.kiwi/#featured-projects

DINING DAMES

A web app to manage dinner reservations for a dining group. Created using React, TypeScript, Supabase, embedded Google Maps, and Styled-Components.

SILVI.AI

A web app for utilising AI to undertake literature review. Created using React, TypeScript, Tailwind, Material UI, and Redux.

CPH.KIWI

A website to display my projects and skills. I also have a blog, available from the website, and I use this to create features to practice and improve my programming skills.

DRUM KIT

A web app to play the drums using your computer keyboard. I got the idea from an online instructor, but I expanded it and added some additional features, like a pendulum.

MEAL-SHARING APP

A web app for users to advertise meals at their home, and to sign up to attend meals created by other users. Users can also leave reviews and comments.

GUIDE IT

A quiz and career guide. This was a group project run through Hack Your Future.

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CERTIFICATES

- **AZURE FUNDAMENTALS**
Microsoft
Mar 2022
- **WEB DEVELOPMENT PROGRAM**
HackYourFuture CPH
Jun 2021
- **JAVASCRIPT ALGORITHMS AND DATA STRUCTURES**
freeCodeCamp
Jan 2021
- **RESPONSIVE WEB DESIGN**
freeCodeCamp
Apr 2020

RECENT WORK EXPERIENCE

FRONTEND DEVELOPER

SILVI.AI

Silvi is an end-to-end screening and data extraction tool supporting Systematic Literature Review and Meta-analysis.

- While I have been a part of a frontend team of two, I have been responsible for developing some of the most impactful features for our users.
- I championed the effort to migrate from Vue to React and introduced TypeScript.
- Other technologies that have been incorporated are Redux, Material UI, React libraries, and for styling we've used SCSS and Tailwind.
- My previous career in academia has helped tremendously with this role, as I have a deep understanding of the need for, and usage of the product. My work experience as a librarian means I can understand the product from a user's perspective, as I have instructed early career academics in how to undertake the type of literature review that Silvi assists with.

HUMAN RESOURCES

UNIVERSITY COLLEGE LONDON

UCL is a major public research university located in London, United Kingdom. I worked in the Department of Infection and Population Health.

- Undertook all recruitment task, from preparing job descriptions to advertising, creating contracts for incoming staff, and induction.
- Updated the Department website using a CMS to advertise vacancies.
- Provided advice and guidance to staff and manager in situations where issues arose.
- Advised staff on career development opportunities.
- Participated in wider HR networks with a focus on maintaining and updating UCL policy and procedure.

PROJECT MANAGER

UNIVERSITY COLLEGE LONDON

I worked in the Department of Security and Crime Science.

- Managed all financial and contractual aspects of the project, including monitoring of the project's contractual obligations, generating amendments to the consortium agreements, and preparing comprehensive periodic reports for the European Commission.
- Responsible for the day-to-day oversight of two research associates.
- Managed marketing for the project, including creating and maintaining a website using a CMS and developing publications.
- Planned and organised events internationally, including tasks such as booking venues, suppliers, catering, travel, accommodation, audio-visual equipment, liaising with speakers and attendees, managing event registration, and producing programmes, agendas and minutes.