

Ynda Jas 🗣️ in-duh they/them

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🐙 [GitHub](#) 🔗 [LinkedIn](#) 📖 [coding blog](#)

## >\_ Software Engineer

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Experienced in Ruby (inc. Rails) and JavaScript-based programming (inc. React and Redux) with a background in education, research and community-building. Possess strong skills in collaboration, data analysis/quality and communication of complex information which help not-for-profits and progressive organisations deliver high-quality, person-centric services.

## </> Technical skills

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**Ruby** (inc. **Rails**, **Sinatra**, **Jekyll**), **JavaScript** (inc. **React**, **Redux**), **SQL** (inc. **PostgreSQL** and **SQLite**), **CSS** (inc. **Sass/SCSS**, **Bootstrap**), **HTML** (inc. **Markdown**), **Git**, **R** ~ basic **Python** (inc. **Flask**), **C**, **Lua** (inc. **LÖVE**)

## 📁 Technical projects (selected)

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**StackStore** 🐙 [GitHub](#) ▶️ [demo](#) 🌐 [deployment](#)

Web app for finding, keeping, tagging and making notes on Stack Overflow questions

- Used **React**, a **Rails** API and **SCSS** to build an efficient, responsive app
- Employed **Redux**-based state management, with local state for controlled forms
- Created **PostgreSQL** database for **Heroku** compatibility, used **ActiveRecord** queries and model-level validations for ensure data quality ~ also on JazzCatCom, Workinonit; Racqueteer sans validations
- Made external API **AJAX** fetch requests to retrieve question and answer data ~ also on JazzCatCom

**JazzCatCom: Comedy, Cats and Chris Dave's Hi-hats** 🐙 [GitHub](#) ▶️ [demo](#) 🌐 [deployment](#)

Web app for discovering and saving jazz, cats and comedy

- Used class-based **JavaScript**, a **Rails** API and **SCSS** to build a fun, single-page app
- Implemented token-based authorisation with email/password authentication ~ also on StackStore
- Deployed on **GitHub Pages** and **Heroku** ~ also on StackStore; Workinonit, Racqueteer fully Heroku

**Workinonit** 🐙 [GitHub](#) ▶️ [demo](#) 🌐 [deployment](#)

Web app for searching for jobs and keeping track of applications

- Used **Rails** with a model-view-controller pattern, **JavaScript** and **SCSS** to build a complex app
- Built scrapers using **Nokogiri** for three different websites to gather data for finding and saving jobs
- Integrated authentication via email/password with **bcrypt**, as well as via Facebook, GitHub and Google as **OAuth** strategies using **OmniAuth** ~ also on Racqueteer sans OAuth

**Racqueteer** 🐙 [GitHub](#) ▶️ [demo](#) 🌐 [deployment](#)

Web app for keeping track of racquet sports activities: matches, coaching, racquets and more

- Used **Sinatra** with a model-view-controller pattern, **JavaScript** and **HTML/CSS** to build a complex app
- Followed **RESTful** patterns for transparent routing ~ also on StackStore, JazzCatCom, Workinonit
- Combined **Bootstrap** with custom **(S)CSS** and developed custom, clean branding to create a polished, enjoyable experience ~ also on StackStore, JazzCatCom, Workinonit, Selected Text Readability

**Selected Text Readability** 🐙 [GitHub](#) ▶️ [demo](#) 🔗 [release](#)

Chrome extension for measuring readability of selected text

- Used **JavaScript** and **CSS** to build a lightweight Chrome extension

**PSNProfiles Player Scraper** 🐙 [GitHub](#) ▶️ [demo](#)

Command-line interface app for viewing, comparing and exporting data from PSNProfiles player pages

- Used **Ruby** to create a simple, clean command-line interface app with a number of useful features

## Experience (selected)

**Planning Analyst – Research Excellence Support** ~ Queen Mary University of London 04/2019 – present

- Help prepare the university to submit to national exercise measuring research quality and environment
- Conduct statistical equality analyses with **R** using linear mixed-effects regression, Chi-squared and t-tests, and produce visualisations using **ggplot2**; some simpler analysis/visualisation in Excel
- Manage data quality and support research output review process

**Academic Quality Support Officer** ~ York St John University 09/2012 – 07/2016

- Supported programme approval processes and university committees with academic and senior staff
- Harnessed the student records system, Access and Excel to develop institutional use of module and assessment data alongside the Deputy Registrar, including co-creating new reporting systems
- Earned internal and national acclaim as equality champion and co-founder/initial catalyst of LGBTQ+ staff network: internal “Celebrating Exceptional People” award; Inclusive Networks Awards “Inspiring Member of the Year” shortlist; high rankings and continuous improvement in Stonewall Workplace Equality Index
- Represented the university at regional and national conferences and events related to both professional services and equity and inclusion work
- Maintained academic quality webpages on **Terminalfour** and LGBTQ+ staff network blog on **WordPress**

**Queer activist and writer** 07/2010 – present

- Founded and coordinated Non-binary London and York LGBTQ+ History Month
- Involved in numerous other queer projects and organisations, including committee and **WordPress** work
- Published academic journal article on the intersection of sexuality and contemporary gender
- Published book chapter on transfemme visibility and experiences of public spaces
- Published poetry and other articles in two further books, a magazine and a zine

See LinkedIn for further roles including in web, teaching and advice/consultancy

## Education (selected)

**Full-stack software engineering bootcamp** ~ Flatiron School 06/2020 – 09/2021

- Technologies: **Ruby** (inc. **Rails** and **Sinatra**), **JavaScript** (inc. **React** and **Redux**)

**CS50 Introduction to Computer Science** ~ Harvard University 06/2020 – 11/2020

- Technologies: **C**, **SQL**, **Python** (inc. **Flask**), **JavaScript**
- Started follow-up course “CS50’s Introduction to Game Development”, covering **Lua/LÖVE** and **C#/Unity**

**PhD Linguistics (withdrawn\*)** ~ Queen Mary University of London 10/2016 – 03/2021

\* interrupted in 2019; made conscious decision in 2021 to withdraw and pivot into software engineering

- Working thesis title: “Talking beyond the binary: queer and genderqueer speech”
- Presented research at conferences and events across the UK and USA
- Delivered workshops to PhD students on using **WordPress** to create a personal academic website
- Secured funding for and co-organised contemporary gender conference and three-day prosody workshop
- Technologies: **R**

**PGCert Diversity Management (merit)** ~ University of Bradford 01/2016 – 07/2016

- Modules on cross-cultural communication and navigating the dynamics of diversity and power

**MA Sociolinguistics (distinction)** ~ University of York 10/2013 – 09/2015

- Thesis: “Sexual orientation, phonetic variation and the roots and accuracy of perception in the speech of Northern England English-speaking men”
- Modules covering breadth of linguistics, with focus on sociolinguistics, phonetics, quantitative analysis
- Technologies: **R**