

## TECHNICAL SKILLS

**Languages:** Python, JavaScript, SQL, HTML, CSS, SPSS, Stata, R

**ML/AI:** Weights & Biases, LangChain

**Backend:** Flask, SQLAlchemy, Alembic, Express, Sequelize, Node, MySQL, PostgreSQL

**Frontend:** React, Redux, NextJS, Tailwind

**Methodologies:** Object-Oriented Design, Test Driven Development, Functional Programming, Agile, SCRUM

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## EXPERIENCE

**Software Engineer, MLOps** at Subconscious AI Dec 2023 – Jan 2024

- Designed server-side logic for our market research and social science platform using ML data.
- Implemented frontend components to create an intuitive UI using NextJS and Tailwind.
- Researched and recommended hyperparameter tuning methods using Weights & Biases.

**Volunteer Software Engineering Tutor** at Code Tenderloin Nov 2023 – Present

- Teach and tutor for Code Ramp curriculum (JavaScript, Data Structures & Algorithms).

**Evaluation Specialist** at Neighborhood Partnerships Nov 2019 – Mar 2023

- Data engineering for analysis of economic data at 50+ nonprofits statewide using SPSS.
- Managed database and UI changes. Updated website. Reported findings to Oregon Legislature.

**Linguistic Tester** at Welocalize Apr 2020 – Apr 2021

- Analyzed linguistic data using stringent standards. Discovered and documented data issues.

**Resource Specialist** at The Cupcake Girls Apr 2017 – Nov 2019

- Structured resource database for clarity and reliability. Researched partners for client support.

**Research Analyst & Project Manager** at Interaction Metrics Jun 2015 – Dec 2016

- Identified data-driven B2B & B2C customer needs, product issues, and optimizations.
  - Designed surveys and interviews. Updated website.
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## PROJECTS

**BanKan** | A productivity and organization website inspired by Trello and Evernote. [Live](#) | [GitHub](#)

- Built full-stack functionality using SQLAlchemy for database tables, Flask routes, Redux thunks and store, and React components for boards, columns, cards, notebooks, and notes in under one week. Placed an emphasis on frontend UI.
- Utilized the React Beautiful DnD package for drag-and-drop functionality, ensuring correct state management in Redux for a seamless user experience.

**MeetBuds** | A networking and activities website cloning Meetup. [Live](#) | [GitHub](#)

- Built full-stack functionality using Sequelize for database tables, Express routes, Redux thunks and store, and React components. Focused on backend architecture and database design.
- Implemented an extensive relational database with detailed schema models connecting users, groups, group images, memberships, events, event images, attendances, and venues.

**VancouverEats** | An e-commerce website cloning UberEats. [Live](#) | [GitHub](#)

- Managed end-to-end feature development using SQLAlchemy for database tables, Flask routes, Redux thunks and store, and React components. Utilized AWS S3 for users to upload image files.
  - Collaborated with a team to complete the project in under one week using Agile methods, Figma wireframing, a Kanban board, and clear Git workflows.
  - Designed RESTful API documentation for CRUD on features and functionality.
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## EDUCATION

**App Academy** | Software Development & Computer Science Intensive Apr 2023 – Sep 2023

**Reed College** | Sociology, Bachelor of Arts (BA) Sep 2011 – May 2015

- Analyzed data using Stata and R. Awarded full financial aid.