

# Timothy Sukamtoh

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## TECHNICAL SKILLS

**Languages** - Javascript, Python, Typescript, SQL, PostgreSQL, HTML, CSS, MATLAB

**Libraries** - React, React Testing Library

**Frameworks / Tools** - Node, Express, Jest, GraphQL, Flask, SQLAlchemy, unittest, VSCode, Git, Github

## SOFTWARE ENGINEER EXPERIENCE

### Software Engineer Intern

June - July 2023

*Foqal*

*San Francisco, CA*

- Leveraged existing GraphQL queries to implement a feature that automatically re-fetches data on a single page application whenever new ticket columns were generated without having to hard refresh.
- Researched and utilized third-party open source libraries to circumvent the existing Content Security Policy and allow for implementation and testing of new features and services.
- Addressed several React state management issues, including tags on Slack channel settings not persisting on change and populating upon re-navigation to the page.
- Fixed UI for component buttons would overlap and incorrectly be active upon hovering the wrong section.

## TECHNICAL PROJECTS

**SharenBn** - Vacation rental      React | Python | Flask | Bootstrap | PostgreSQL | AWS S3 | [Live Demo](#) | [Github](#)

- Implemented AWS S3 buckets for client image uploads to reduce database bloating and increase efficiency.
- Utilized JWT tokens in Flask to ensure valid credentials when a user accesses non-read-only API actions.

**Jobly** - Job searching app      React | Express | Node.js | PostgreSQL | JSONSchema | [Live Demo](#) | [Github](#)

- Deployed React components with dynamic error generation to establish fluid, scalable error handling.
- Applied React hooks to maintain user login status and automatically call API to load jobs and companies.
- Established and maintained over 110 unique tests resulting in 97% test coverage of functions and routes.

**Warbler**- Social networking app      Python | Flask | Jinja | PostgreSQL | SQLAlchemy | [Live Demo](#) | [Github](#)

- Incorporated SQLAlchemy ORM to allow for simple access of many-to-many database table relationships.
- Integrated Jinja templates such that html pages can be dynamically generated from the current user via g.

## ADDITIONAL WORK EXPERIENCE

### Integration Engineer

March 2020 – Nov 2021

*Epic Systems*

*Madison, WI*

- Managed the Epic Application system build for over 7 different major health organizations around the US.
- Directed client analyst teams for multiple healthcare organizations while transitioning onto Epic as their main electronic health record system in their production working environment.
- Utilized SQL and MSFT Report Builder to develop internal reports allowing other Epic Engineers to systematically track feedback between project managers and team members.
- Increased efficiency of filtering on several SQL based-reports improving runtime of one by over 6000%.

## EDUCATION

### Rithm School

2023

Full Stack Web Development Bootcamp

San Francisco, CA

### University of California Berkeley

2019

B.S. Bioengineering

Berkeley, CA