Joel Bluemel

Oakland, CA | (925) 698-0628 | joelcbluemel@gmail.com | [LinkedIn](#) | [Github](#)

TECHNICAL SKILLS

Languages – Javascript, Python, SQL, PostgreSQL, HTML, CSS
Frameworks / Environments – React, Express, Flask, Django, React Native, Node
Libraries / Tools – jQuery, AWS S3, React Testing Library, Jest, unittest, SQLAlchemy, Git, Github, Bootstrap

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SOFTWARE ENGINEER EXPERIENCE

Software Engineer Intern   August 2022
Rithm School SIS (Student Information System) – Remote   *San Francisco, CA*
- Created React Native mobile iOS implementation of SIS homepage; designed and integrated new API and JSON serializer in Django backend for 100+ homepage items for use in latter editions.
- Developed and launched new Tagging feature to SIS, enhancing search functionality of 4 separate applications while maintaining 100% test coverage.
- Produced and merged 5 testing factories for use in generating broader testing dataset in an Agile SIS development.

TECHNICAL PROJECTS

ShareBnB   [Live Demo](#) | [Github (FE)](#) | [Github (BE)](#)
- Developed a full-stack Airbnb clone built with Javascript, React, Python, Flask, PostgreSQL, SQLAlchemy, HTML and CSS.
- Incorporated Amazon AWS S3 to manage complex file data.
- Fully designed application and component structure for both frontend and backend.

Warbler   [Live Demo](#) | [Github](#)
- Engineered Twitter clone platform utilizing Python, Flask, PostgreSQL, and SQLAlchemy.
- Added user authentication/authorization to RESTful API routes utilizing Bcrypt password hashing.
- Managed many-to-many database relationships with Python ORM SQLAlchemy.

Jobly   [Live Demo](#) | [Github (FE)](#) | [Github (BE)](#)
- Built Job application site using React for frontend, Express and PostgreSQL as backend.
- Express backend devised with full TDD development cycle, maintaining 100% test coverage.
- React frontend utilized user token authentication combined with state and context hooks alongside local storage to enhance user experience.

ADDITIONAL WORK EXPERIENCE

First Audio Engineer / Assistant Engineer   July 2016 – March 2022
Polarity Post Production   *San Francisco, CA*
- Delivered audio expertise and products customized for uniquely detailed project specifications and goals in over 300+ sessions over 5 years.
- Facilitated interviewing, hiring, and training of 30+ of interns and assistant engineers.

EDUCATION

Rithm School   August 2022
Full Stack Web Development Bootcamp – Remote   *San Francisco, CA*

San Francisco State University   August 2014 – December 2016
Bachelor of Arts in Broadcast and Electronic Communication Arts (3.5 GPA)   *San Francisco, CA*