

# Brian Joo

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**Target Role:** Full-stack Software Engineer

## TECHNICAL SKILLS

**Programming Languages:** Javascript, Python, TypeScript

**Database Technologies:** SQL, PostgreSQL, SQLAlchemy, Amazon S3

**Web Development:** React, Node, Express, Flask, Django, HTML5, CSS3

**Testing Frameworks/Libraries:** Jest, Jasmine, React Testing Library

**Other Tools:** Git, Github, VSCode, Insomnia, Bootstrap, Tailwind CSS

## TECHNICAL PROJECTS

**Warbler** - Twitter clone built with Python, Flask, SQLAlchemy

[LiveDemo](#) | [GitHub](#)

**Jobly** - Full stack job-board built with React, Node, Express, PostgreSQL

[LiveDemo](#) | [GitHub](#)

## SOFTWARE ENGINEER EXPERIENCE

### Internship

May 2023

*Rithm School - Software Engineer*

*San Francisco, CA*

- Leveraged extensive development experience and Python skills to implement new features in a large-scale Django-based codebase, consisting of over 80,000 lines of code.
- Successfully implemented a feature for users to easily distinguish between public and private information on their profile pages, improving the user experience.
- Created a user-friendly blogging platform for cohorts and instructors, enhancing their ability to share knowledge and collaborate effectively.
- Utilized and wrote custom testing Factories to aid in writing over 40 unit and integration tests, keeping test coverage at 98% or above at all times.
- Actively engaged in daily Agile stand-ups with 12 team members, employing planning poker to estimate resolution times for codebase issues, enhancing the team's productivity and efficiency.

## ADDITIONAL WORK EXPERIENCE

### Former Job

Mar 2014 - May 2023

*O'Brien Sinks - Sink Craftsman*

*Paso Robles, CA*

- Reduced equipment downtime by 18% by identifying and resolving 20+ issues per week, resulting in a boost in overall productivity for the team.

- Crafted an average of 12 sinks per day according to changing daily work orders and specific customer needs.
- Implemented a cross-training program for 7 team members in sink sanding and kiln operations, resulting in a 15% increase in project completion rate and improved collaboration among team members.

**Former Job**

July 2004 - July 2010

*U.S. Army - AH-64D Armament / Electrical / Avionic Systems Repairer*

*Fort Bragg, NC*

- Managed a team of 6 soldiers responsible for maintaining, repairing, testing, and calibrating helicopter electrical systems, components, and equipment, resulting in an average of 90% or higher operational readiness rate.
- Analyzed technical drawings, diagrams, and documentation to inform effective decisions about electrical systems repairs.
- Trained junior soldiers on proper maintenance procedures to improve mission readiness and success.

**EDUCATION**

**Rithm School**

Full Stack Software Engineering Bootcamp

Feb 2023 - Jun 2023

*San Francisco, CA*

**California Polytechnic State University - San Luis Obispo**

B.S. Degree - Clinical Nutrition

Sep 2012 - Jun 2015

*San Luis Obispo, CA*

**Pasadena City College**

Aug 2010 - Jun 2012

*Pasadena, CA*