

## Juliane Cassidy

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### TECHNICAL SKILLS

**Languages:** JavaScript, Python, SQL, HTML, CSS

**Libraries/Frameworks:** React, Express, Node.js, Django, Flask, jQuery

**Tools and Skills:** APIs, PostgreSQL, Microsoft SQL Server, MongoDB, VSCode, Git, Github, CRMs, AWS, Test Driven Development

### SOFTWARE ENGINEERING EXPERIENCE

#### Software Engineer and Teaching Assistant

June 2023 - Current

*Rithm School*

*Remote*

- Provide instructional support for a class of 12 to 20 web development students for 16 weeks
- Give daily code reviews to help students build debugging skills and write professional and efficient code in JavaScript, Python, and SQL
- Troubleshoot and debug student issues in MacOS and WSL environments
- Contribute to a frequently changing curriculum repository using an agile workflow
- Work on an 81,000 line Django codebase for a student information system, including maintaining 98% testing coverage

#### Software Engineering Intern

May 2023

*Rithm School*

*Remote*

- Implemented a tagging system for curriculum materials using Django generic relationships for improved searchability and organization
- Built and tested a caching system for select users using Redis to promote scalability and cross-process synching
- Maintained 98% testing coverage by writing new test suites for each new feature added
- Completed 3 sprints using the Agile methodology with 2 accepted pull requests

### TECHNICAL PROJECTS

**Jobify**, full stack job board site built with React, Node.js, Express, PostgreSQL, and a Restful API

Github   Demo

- Designed a granular React component hierarchy for high component reusability
- Implemented local caching to maintain login status and user preferences
- Created authentication and authorization system for backend API routes with JWT to manage app access for different user roles
- Used test driven development to design a backend with 100% testing coverage

**Flitter**, backend Twitter clone built with Python, Flask, Jinja, PostgreSQL, SQLALchemy, and a RestfulAPI

Github   Demo

- Fixed security bugs in inherited codebase to manage user access and create a secure logout process with CSRF tokens
- Created routes for user signup and login, including password hashing for secure database storage
- Maintain in app documentation and changelog for all bug fixes and added features

## ADDITIONAL WORK EXPERIENCE

### Digital Marketing Specialist

*Great Leap Studios*

Aug 2020 – Feb 2023

*Remote*

- Designed and maintained 50+ custom and template websites using Wordpress CMS
- Managed VPS server, hosting solutions, and email for 30+ websites with 99% uptime across sites
- Wrote web and social media content for small businesses, averaging 4500 words per day

### Banking Services Associate

*Betterment*

Feb 2020 – Aug 2020

*Denver, CO*

- Provided customer support via phone and email for banking and investment products

### Development Database Coordinator

*The Cleveland Orchestra*

Jan 2019 – Jan 2020

*Cleveland, OH*

- Led project CRM database sanitization project to standardize data and improve reporting time
- Developed an internal knowledgebase and implemented documentation as a standard procedure
- Provided all database training for the organization, including individual and group trainings

### Annual Giving Coordinator

*Broadway Sacramento*

Jan 2016 – Dec 2018

*Sacramento, CA*

- Served as CRM super-user and Development department database administrator
- Led project to enforce department compliance with PCI standards and consumer privacy law
- Automated gift entry and acknowledgement process to reduce time by 90% and minimize mistakes

## EDUCATION

### Rithm School

Full Stack Web Development Bootcamp

June 2023

*Remote*

### University of California, San Diego

B.A. Degree, History

December 2015

*San Diego, CA*