

## Juliane Cassidy

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### TECHNICAL SKILLS

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

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

**Tools and Skills:** APIs, PostgreSQL, Microsoft SQL Server, Headless CMS, Source Control, CRMs, AWS, Test Driven Development,

### EXPERIENCE

#### Teaching Assistant and Software Engineer

*Rithm School*

June 2023 - Current

*Remote*

- Provide instructional support for a class of 12 to 20 full stack software engineering students for 16 weeks, focusing on JavaScript, TypeScript, React, Python, Django, and SQL.
- Collaborate with other instructors to lead lectures and daily code reviews to enhance debugging skills and promote professional code
- Serve as co-team lead for 8 to 10 students, managing 3 agile sprints and reviewing PRs
- Work on a shared, 81,000-line Django codebase representing our student information and admissions system, including maintaining 99% testing coverage

#### Software Engineering Intern

*Rithm School*

May 2023

*Remote*

- Implemented a tagging system for curriculum materials using Django generic relationships for improved searchability and organization
- Cut load times by 40% and enhanced cross-process syncing with a Redis caching system
- Maintained 99% testing coverage through integration and unit tests for each new feature
- Completed 3 pair-programming sprints using the agile, CI, and CD practices with accepted pull requests

#### Digital Marketing Specialist

*Great Leap Studios*

Aug 2020 – Feb 2023

*Remote*

- Developed and maintained 50+ custom and template websites using Wordpress CMS
- Managed VPS server and cloud hosting solutions for 30+ websites with 99.5% uptime across sites
- Provided training and troubleshooting for clients from a variety of technical backgrounds

#### Banking Services Associate

*Betterment*

Feb 2020 – Aug 2020

*Denver, CO*

- Resolved 65+ customer tickets per day via phone and email to help users with technical and product issues with a 93% satisfaction rate
- Liaised with operations and engineering teams to escalate issues and share customer needs

#### Development Database Coordinator

*The Cleveland Orchestra*

Jan 2019 – Jan 2020

*Cleveland, OH*

- Led Tessitura CRM sanitization project, collaborating across departments to standardize data in a database used by 100+ staff members
- Provided all database training for the organization to empower users in their specific roles

**Annual Giving Coordinator**

Jan 2016 – Dec 2018

*Broadway Sacramento**Sacramento, CA*

- Served as Tessitura CRM super-user and Development department database administrator for a 2,500-person donor base
- Automated routine processes which reduced time to process and acknowledge gifts by 90%, cut postal costs by 50%, and reduced time to reconcile fundraising income with finance by 80%
- Managed Development department transition onto Tessitura, balancing department needs against organizational needs and software requirements
- Led project to enforce department compliance with PCI standards and consumer privacy law

**TECHNICAL PROJECTS****Jobify**, full stack Indeed-clone 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 JWTs 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, and SQLALchemy

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
- Maintained in-app documentation and changelog for bug fixes and added features

**EDUCATION****Rithm School**

June 2023

Full Stack Web Development Bootcamp

*Remote***University of California, San Diego**

December 2015

B.A. Degree, History

*San Diego, CA*