

ROSE LE

Full-Stack Software Engineer

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WORK EXPERIENCE

HashiCorp

Remote

Cloud Security Full-Stack Software Engineer Intern

March 2023 – Aug 2023

- Enhanced user satisfaction by 20% with internal application used to provision privileged cloud access by iteratively updating Jinja frontend features based on UX/UI feedback sourced from Jira tickets, code reviews, and wireframes
- Reduced duplicate code and design inconsistencies across application by 20% by creating a reusable components library styled with Tailwind to align project with company's design system
- Decreased application rendering issues and bugs by 10% by implementing in-template error-handling for missing data and continuous unit testing using pytest and snapshot testing
- Produced technical documentation cataloging design decisions and installation and usage instructions for new CSS and testing libraries that were utilized by another security team, catalyzing the integration of the libraries into their project
- Provided code reviews and feedback on colleagues' pull requests concerning application interface changes to identify potential bugs and troubleshoot automated snapshot tests
- Decreased application deployment duration times from an average 20 minutes to 7 minutes by creating npm scripts that were integrated into team deployment protocols to handle automating local file compilation and uploading to AWS
- Deployed code changes using Terraform and AWS services, gaining hands-on experience with infrastructure-as-code principles, CI/CD and cloud technologies

Thermo Fisher Scientific

Carlsbad, CA

Chat Representative - Protein and Cell Analysis

June 2021 – June 2022

- Generated \$650k in sales by identifying customer needs and spearheading support and sales plans with cross-functional teams, like sales, product, and technical support
 - Increased team customer satisfaction rating from 78% to 86% in 10 months by providing on-demand customer support
 - Streamlined team follow-up times by 20% in four months by implementing spreadsheets to track chat data
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PROJECTS

RxRoster | Full Stack Developer

[Frontend Repo](#) | [Backend Repo](#)

A medication tracker web application

- Created and designed a multi-page application utilizing Next.js, React routers, and functional components with Tailwind
 - Architected backend with server-side authentication with a RESTful API via Node/Express routers and DynamoDB
 - Built register and login pages that authenticate user login security with React cookies to access medication data
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SKILLS

Full-Stack Web Development: JavaScript, React, HTML, CSS, jQuery, Jinja, Python, Flask, Node.js, Next.js, Express, MongoDB, NoSQL, PostgreSQL, MySQL, RESTful API Development

Testing/Deployment: Pytest, Jest, Terraform, Heroku, AWS (DynamoDB, Lambda, s3)

Developer Tools: Git, GitHub, NPM, Figma, Jira, Agile Development Methodologies, Photoshop

EDUCATION

Ada Developers Academy

Seattle, WA

Software Engineering Certificate

Sept 2022 – Jul 2023

- Relevant Coursework: Data Structures and Algorithms, Object Oriented Programming, Computer Science Fundamentals

University of California, Santa Barbara

Santa Barbara, CA

Bachelor of Science, Biopsychology

Sept 2015 – June 2019