

# Kelby Amandy

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## EDUCATION

### Saint Mary's College of California

B.S. Computer Science & Minor in Data Science

Moraga, CA, USA

August 2021 - May 2025

## TECHNICAL SKILLS

**Programming Languages:** Python, Go, Javascript, Java, SQL, HTML, CSS

**Libraries and Tools:** React, Redux, Node.js, Express.js, Jenkins, Cypress, Git, Docker, AWS, Jira, MongoDB, TailwindCSS, Swagger, Postico, Postman

## WORK EXPERIENCE

### Software Engineer Intern

Proofpoint, California, US (Remote)

December 2023 - Present

- Languages/Tools used: Docker, AWS, Shell Scripting, SQL, Javascript, React, Redux, Cypress, Jenkins, Jira, Swagger, Bitbucket, Git
- Worked on most profitable engineering team (Email Fraud Defense) in Proofpoint.
- Used agile methodologies and Jira for development and collaboration.
- Developed REST APIs in Javascript to help query through customer data. Documented API with Swagger and collaborated with Staff Engineers to optimize SQL queries on large production data.
- Used CI/CD pipelines in Jenkins for deployment.
- Created a plugin tool for internal admins to visualize customer enrollment data (Enrollment Dashboard). Written in React and Redux.

### Software Engineer Intern

DegreeCat, California, US (Remote)

August 2023 - November 2023

- Languages/Tools used: Javascript, HTML, TailwindCSS, React, Redux, Git, MongoDB, AWS, Node.js, Express.js
- Collaborated in a remote setting with other developers in a startup environment.
- Helped mentor junior developers in familiarity with Git and overall codebase with MERN stack.
- Kickstarted development using Express.js and Node.js backend with React and Redux frontend.
- Utilized MongoDB and AWS for backend queries and data storage.

### Stem Tutor Intern

De Marillac Academy, California, US

January 2023 - February 2023

- Helped teach various STEM topics to 4-8th grade students.
- Collaborated with teachers on various projects regarding Computer Science and Mathematics.
- Helped proctor tests and grade students homework.
- Fostered a safe and fun learning environment and helped kids become more excited and comfortable with all things STEM related.
- Engaged with students in courses like Introductory Algebra, Health Science, and Basic Computer Science and Architecture.

## PROJECTS

- **Kuizzical**, Using React (with TailwindCSS), Redux, Express.js, Node.js, MongoDB, AWS I created a open-source Quizlet-like application for students. It is still in active development but has been deployed to production with Vercel. [GitHub](#)
- **Full-Stack AirBNB Clone**, Using React (with TailwindCSS), Redux, Express.js, Node.js, MongoDB, and AWS, this project was made to showcase my frontend and backend skills. It is a semi-replica of the AirBNB website at the time of development. [Try it!](#)