

Kelby Amandy

+1 415-988-0474 - <https://kelbya.dev> - kelbyhailesamandy@gmail.com -
<https://linkedin.com/in/kelby-amandy-ba818a214> - github.com/kelbwah

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, C#, C++, SQL, HTML, CSS

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

WORK EXPERIENCE

Software Engineer Intern — BinaryTint

California, US (Remote)

September 2024 - Present

- **Languages/Tools used:** Python, AWS, Flask, Shell Scripting, DynamoDB, Beanstalk, Jira, Git, OpenAI
- Working in a small start-up environment with 5 other founding engineers developing AI voice assistants for various businesses.
- Created automated scripts in Python to create billing info per customer, leveraging DynamoDB.
- Streamlined development of multiple Flask APIs alongside various LLM API Frameworks (**VAPI, AnythingLLM**) to generate real-time human-like conversations between users and our voice assistants.
- Developed lambda/cron job to sync over **100GB+** worth of customer files from Google Drive to our in-house AI assistant knowledge base using the Google Drive API. **Increased Engineering/Customer workflow by 80%.**

Software Engineer Intern — Proofpoint Inc.

California, US (Remote)

December 2023 - August 2024

- **Languages/Tools used:** Docker, AWS, Shell Scripting, SQL, Javascript, Go, React, Redux, Cypress, Jenkins, Jira, Swagger, Bitbucket, Git
- Worked on the **most profitable** engineering team (Email Fraud Defense) in Proofpoint to manage and deploy both front-end/back-end solutions with speed and efficiency, which led to **55% increase in overall customer satisfaction**
- Engaged in agile development and attended standups, retros, scrums, grooming, etc. Consistently completed high-pointed JIRA tasks **30-40% faster** allocated sprint time.
- Developed REST APIs in JavaScript using Swagger. Optimized legacy SQL queries, resulting in a **65% reduction** in data retrieval time from large production datasets of over **1 Billion rows of customer data**.
- Optimized Golang applications across various cross-teams to reach a **40% increase in speed** for IP lookups.
- Developed a micro-frontend customer enrollment dashboard in React/Redux. Improved and ported Python scripts to internal micro-frontend dashboard and reduced data retrieval time of data by **80% for over 1000 internal admins**

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
- Implemented features and optimized code using the MERN stack, resulting in a **35% improvement** in application performance from a previous codebase.
- Mentored **10+ junior developers** in Git and the MERN stack. Enhanced their proficiency and productivity, leading to a **70% decrease in onboarding time** for new hires.
- Collaborated with **5+ cross-functional teams**, including UI/UX designers, project managers, front-end developers, and full-stack developers. Streamlined efficient communication and project progress, resulting in a **80% increase** in milestone completion.
- Introduced Github CI/CD pipelines for an increase in **40% increase** in milestone achievement speed and development efficiency.