

# Marc Rusli

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## WORK EXPERIENCE

Amazon

### Software Development Engineer | Jul 2023 – May 2024 | Sunnyvale, CA

- Worked on cross-functional projects, directly collaborating with other engineers across multiple teams
- Gave meaningful feedback on code reviews and technical designs to maintain system quality
- Developed an internal web tool leveraging our team's product allowing any Amazon team to see their service's upstream and downstream services. Displayed availability, latency, and other metrics of choice. React.js-based.
  - Wrote initial design doc and gathered feedback from teammates for iterative improvements
  - Conducted proof-of-concepts to show viability of each aspect of design
  - Held 1-on-1 demos with customers and iterated upon their feedback to further suit the app to their use cases.
- Learned unfamiliar systems through independent research, working with mentors, and subject matter experts
- Navigated and managed work in large codebases

Apparel Promo

### Design and Production Associate | Jun 2024 – Present | Hayward, CA

- Collaborating directly with stakeholders to build what users actually need – size, color, deadline requirements, and more.
- Built and maintained Wix-based e-commerce platforms, optimizing online product presentation and user experience to support sales growth
- Designed custom graphics, promotional materials, and apparel mockups to support marketing and sales campaigns.

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## EDUCATION

University of California, Santa Barbara

### Bachelor of Science, Physics | Dec 2021

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## PROJECTS

Custom T-Shirt Design Web Application | Aug 2025 – Present

### JavaScript, TypeScript, React, Node.js

- Architected and implemented interactive design canvas using Fabric.js, enabling core features including object selection, drag-and-drop manipulation, deletion, and custom image import
- Iterated on T-shirt designer features, website navigation, and layout based on user feedback, continuously refining the user experience to increase usability
- Learned unfamiliar libraries and design patterns (Fabric.js, canvas manipulation) through independent research and applied them to build production-ready features
- **Github:** <https://github.com/MarcRusli/ApparelPromo>

Tab Notes Android App | Mar 2022

- Took end-to-end ownership of mobile application project
- Worked with multiple programming paradigms and technologies
- Demonstrated ability to learn new systems and languages independently
- **Github:** <https://github.com/MarcRusli/tab-notes>

LIGO Gravitational Wave Detection | Nov 2021

- Academic project applying rigorous scientific thinking and data analysis
- Used Python to build reliable systems for signal detection

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## SKILLS

**Programming Languages:** JavaScript, TypeScript, Python, Java, Go

**Full-Stack Development:** Frontend (React, HTML, CSS, JavaScript), Backend (Node.js, Python, REST APIs)

**Systems & Infrastructure:** Understanding HTTP requests, databases (SQL, NoSQL), API design, scalability, reliability

**Software Engineering:** Code reviews, Code quality, Large codebase navigation, Production systems

**Learning & Collaboration:** Independent research, Learning from mentors and experts, Cross-functional collaboration, Technical discussions

**Professional Practices:** End-to-end ownership, Project management thinking, Technical leadership, Early prototyping, Iterative development