

## PROFESSIONAL EXPERIENCE

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### Founder & CTO (FBD Studio) Seattle, WA, USA

December 2023 - Current

- Founded an indie products studio, developing all the software myself as a fullstack engineer. Managed one contractor, found my own clients and users, and marketed through social media and in person events. Currently earning \$50 monthly recurring revenue. My app portfolio has garnered over 1000 downloads to date.
- Developed Hackersearch, an AI-powered search engine to find and discover indie products. Built graphs to visualize insights within processed web-scraped data. Front end built with Typescript, React, NextJS, and D3JS. Back end built with NodeJS, AWS Lambda, Supabase, OpenAI API, and PuppeteerJS.
- Developed multiple mobile and desktop apps, the most recent one being Book Yappy. Frontends built with Typescript, React Native, Expo, and ElectronJS. Backends built with NodeJS, AWS Lambda, S3, DynamoDB, Google Cloud, and Firebase. Launched apps on the app store.
- Developed GiftGabble, an AI-powered gift recommendations site. Frontend built with Typescript, React, and NextJS. Backend built with NodeJS, AWS Lambda, and DynamoDB. Garnered over a hundred users on launch day.
- Worked with paying clients, clarified ambiguous requirements, and delivered solutions. Delivered data and web scraping code using PuppeteerJS and third party proxies. Scraped data off of social media and real estate sites.
- Designed wireframes and social media content, as well as communicated with contractors, using Figma, a collaborative design tool.

### Software Engineer (Amazon) Seattle, WA, USA

October 2022 - December 2023

- Launched a frontend feature on Amazon's detail pages to display Goodreads Ratings. Wrote code in JavaScript, TypeScript, HTML, CSS, and Java (Spring Boot). Worked on feature for months through multiple Agile sprint cycles. Followed dial up and A/B testing processes during launch. The feature is still live in production today, serving daily traffic to over 100 million users.
- Participated in design reviews, worked closely with the accessibility team, tested alongside QA to ensure user interfaces for features were production ready.
- Developed for Amazon Book Review. Wrote code in JavaScript, HTML, CSS, and Java. Prototyped a search feature for editorial posts. The page serves a daily traffic of over 50 thousand users.
- Bug fixed and maintained various team projects. Created unit tests in Jest and JUnit. Created end-to-end tests with Selenium. Pushed changes through CI/CD Pipelines and unblocked them when needed.
- Communicated technical and non-technical requirements across multiple teams. Wrote detailed peer-reviewed documents. Learned the communication and team-working skills necessary to navigate Amazon's large corporate structure and deliver features.
- Served on the monthly on-call rotation to support production environments. Troubleshooted and resolved high priority tickets. Tickets ranged from service outages, editor requests, and external team communications. Communicated across timezones and ensured things ran smoothly.

## EDUCATION

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### University of California - San Diego

Graduated 2022

Bachelor of Science, Computer Engineering

GPA: 3.8