

# Alex Jin

Full Stack Software Engineer

📞 224-577-5070 ✉️ [aojin91@gmail.com](mailto:aojin91@gmail.com)

🌐 [alexjin.dev](http://alexjin.dev)



## EXPERIENCE

### Full Stack Developer (React / Flutter / Java)

IVIR Inc. (August 2024–Present)

- **Refactored and modernized** a legacy medical simulation control app using **Flutter + BLoC**, reorganizing it into a modular, testable architecture and onboarding my successor for smooth handoff.
- **Built and maintained** Spring Boot 3 REST APIs (PostgreSQL, Hibernate), **condensing ~49 legacy JSP/Tiles controllers into ~20 focused REST controllers** with ~150 endpoints.
- **Encapsulated transaction management** in the DAO layer to resolve session/transaction issues and streamline data access.
- **Crafted a brand-new React/TypeScript SPA** from the ground up (Hooks, Redux, Axios, Formik, Vite, Tailwind CSS) and integrated **BIRT** for legacy PDF reporting.
- **Accelerated delivery** from weeks to days by re-architecting six core domains: user management, curriculum management, PDF reporting, scoring checklists, test assessments, and CRUD.
- **Architected the platform** for both desktop web and tablet/mobile deployments—sharing code, ensuring responsive layouts, and optimizing device-specific interactions.
- Utilized **JUnit** via **Spring Boot Test** for targeted unit and integration testing, ensuring baseline reliability of core business logic, entity CRUD and REST APIs.

### Web Developer

A-Frame Venture Studio (March 2024 – July 2024)

Worked with a small team of creatives and CPG experts to bring a new consumer beverage brand to market. I lead the marketing and e-commerce website build and consulted on translating product design into web design.

## SUMMARY

Growth-minded, curious problem solver.

Open to frontend, backend, or full stack roles—ready to contribute across the stack.

Highly skilled with React/Typescript, Node, Java MVC & Rails, but very open to investing time in other technology stacks.

## EDUCATION

**Computer Science, M.S.**  
DePaul University, 2019

**Data Science Bootcamp**  
General Assembly, 2017

**Journalism, B.A.**  
Indiana University, 2013

## PREFERRED TECHNOLOGIES

**Frontend:** React, Typescript, Tailwind, Storybook, RTL, Ionic, D3

**Backend:** Ruby On Rails, Spring Boot 3, NodeJS, Express, GraphQL, MongoDB, AWS S3 & Lambda, Mulesoft

**Other:** Java, Python, C, Git, Sketch, Docker, CircleCI, Salesforce, Postman

## AI Generalist Writer

Outlier.ai (March 2024 – Present)

As a Prompt Engineer at Outlier.ai, I analyze and audit the effectiveness and accuracy of AI-driven data analysis tools via Reinforcement Learning from Human Feedback (RLHF).

## Frontend Developer II

LaunchPad Lab (September 2020 – August 2023)

Built and deployed complex web applications as both a project lead and contributing developer for agency clients. Primarily leveraged production-quality React and Ruby On Rails.

### Hybrid mobile client portal with Rails, *American Truck Business Services*

April 2023 – August 2023

- Built a hybrid desktop + mobile solution for tax document collection and data visualization ground up with React and Ionic
- Soft launched to a group of 2K+ active users as a testing period for full rollout

### Customer-facing React platform, *Millennium Trust Company*

October 2021 – March 2023

- Worked closely with internal teams at Millennium Trust Company, a financial custodian that manages over \$56B in investments for 5M clients, to build a novel investment asset management platform
- The Asset Custody Portal streamlines document and form capture as well as Salesforce data management processes, and succeeded in soft launch across three of MTC's largest clients
- Leveraged **Jest** and **React Testing Library** to implement unit and integration tests for React-based document management workflows and UI components, improving reliability and replacing legacy **Enzyme**-based tests.

### Custom Salesforce live agent chat application, *Natera*

March 2021 – September 2021

- Built a real-time custom chat app in the Salesforce Lightning experience which enabled document share between customer agents and product knowledge experts for Natera, a \$6.5B publicly traded pharmaceuticals company

### React/Rails based alpha build, *Firm Value*

September 2020 – March 2021

- Blueprinted and built a bespoke small-business focused investment platform in close collaboration with the start-up founder.

## Frontend Engineer, Jr.

EZFunnls (June 2018 – January 2019)

Developed an e-commerce WYSIWYG website builder designed to empower small-scale entrepreneurs to get feature products to market quickly with an emphasis on modernized sales funnels

- Primary front end engineer tasked with building out and testing our UI library for storefront, checkout experience and merchant dashboard interface
- Utilized **Storybook** as the primary platform for visual development, documentation, and prototyping of our **custom-built npm component library**, while also leveraging its stories as the basis for **React Testing Library** test cases to ensure consistency between implementation and automated testing.

- Integrated these tests into a **CircleCI** pipeline for continuous integration and delivery.
- Managed two additional junior frontend developers in collaboration with our experienced technical architect and primary backend developer
- Shared in backend tasks, building APIs on an **Express.js backend running on a Node server**, using MongoDB for data persistence, **AWS S3** for asset storage, and GraphQL for API queries and mutations.
- Integrated **AWS Lambda** functions to securely handle payment processing transactions, decoupling sensitive workflows from the main Node/Express API and enabling scalable, event-driven transaction handling.
- Architected a performant rendering process to dynamically generate complex, responsive client sales pages from simple and fast NoSQL JSON blueprints