

Ryan Floyd

ryanfloyd.me

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OVERVIEW

Senior software engineer with 5 YoE shipping modern web apps and developer tools with high agency

Skills: Typescript, Next.js/React, Zustand, Postgres, Git, WASM, Chrome Extensions, onchain integration, SDK & npm package development, Vercel, Cursor

WORK EXPERIENCE

Pluto.xyz

January 2022 – Present

Senior Software Engineer

Multi-product ownership and cross-team integration, from architecture to launch at a high-velocity startup

Pluto Frame

- Co-architected front end for a TEE-backed automation SDK, described as “Plaid for any web data”, shipped as two npm packages, an iframe UI, and in-browser IDE playground
- Cut complex library boilerplate to just 5 lines, streamlining experience for React/JS developers

RAG Developer Assistant

- Shipped a Retrieval-Augmented Generation (RAG) chatbot, leveraging OpenAI models and embeddings of company docs (via Postgres) for instant, context-aware AI support
- Reduced developer support requests 80%+ through LLM-powered self-service troubleshooting

Chrome Extension

- Co-architected a multi-context Chrome extension for fully client-side proving
- Integrated WASM proofs, multi-threaded Workers, message-passing, and IndexedDB caching for high-performance client-side computation

Pluto Dashboard

- Built self-serve portal (Next.js, Stripe billing, OAuth, Drizzle ORM), allowing for streamlined dev onboarding

Pluto Documentation

- Launched “Stripe-style” docs site with live code demos and copy-paste SDK examples for instant integration

Lockheed Martin

November 2020 – November 2021

Software Engineer

- Led development of a new analytics dashboard for monitoring and reviewing helicopter flight data

PROJECTS

- **3D Nouns** - NounsDAO - funded 3D web app (React-three-fiber, onchain data), adopted by Nifty Island and Joyride Games
- **Portfolio 2020** - Interactive 3D portfolio (Three.js), earning 500+ GitHub stars and 60K+ views on a technical writeup

EDUCATION

Binghamton University, State University of New York

August 2017 – May 2018

Masters of Business Administration (MBA), Concentration in Information Systems

Bachelor of Science in Accounting, Magna Cum Laude

August 2013 - May 2017