

Danny Hayes

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SKILLS

- Backend: Node.js, GraphQL (Apollo Server), Ruby on Rails
- Frontend: Next.js, React, GraphQL (Apollo Client)
- Languages: TypeScript, JavaScript, Ruby
- Databases: MongoDB, PostgreSQL, Prisma

EXPERIENCE

Yield Guild Games

Senior Software Engineer

June 2024 to March 2025

- **Company:** Yield Guild Games is a gaming guild in blockchain-based play-to-earn games and virtual assets.
- Architected and implemented a new Apollo GraphQL server, replacing legacy systems.
- Designed and implemented an internal ledger system for tracking crypto rewards points.
- Built custom quest integrations with major game partners, including Axie and Pixels, which alone drove 50k+ new users in the first 24 hours and 100k+ in the first week.
- **Technologies:** TypeScript, Node.js, React, Apollo Server (GraphQL), Prisma, PostgreSQL

Angellist

Senior Software Engineer

March 2022 to June 2024

- **Company:** Platform for venture capital funds and investors to invest in startups with over \$170B in assets.
- Led productization of Management Company offering, including banking integration and dashboard, branded debit card issuance, automated book-keeping, and financial reporting for 350+ management companies on the platform.
- Automated Angellist's annual Form ADV corporate filing with FINRA/SEC, the largest in the world, covering 16k+ funds, using Playwright.
- **Technologies:** TypeScript, React, GraphQL, Ruby on Rails, Postgres, Node.js, Playwright

Koidu

Founder, Software Engineer

Feb 2020 to March 2022

- **Company:** An application to automate filling out job applications by crawling, scraping, and indexing job postings directly from a company's career page. Developed before large language models (LLMs) became widely available.
- Built an automated job application system that scraped and indexed job postings directly from company career pages. Developed one-click apply functionality using PuppeteerJS in AWS Lambda to automatically upload resumes, fill out applications, and complete captchas. Indexed 3k+ companies, scraped 95k+ job postings.
- **Technologies:** TypeScript, Node.js, React, GraphQL, Terraform, Docker, MongoDB, Playwright

BitPay

Product Manager, Consumer Products
Senior Software Engineer / Team Lead
Software Engineer

October 2019 to February 2020
August 2019 to October 2019
August 2017 to August 2019

- **Company:** Blockchain payment processor, processing over \$1 billion annually in crypto payments for major brands like AT&T, Microsoft, Dish, and Dallas Mavericks
- Led consumer products engineering team (6 to 8 engineers), member of the engineering management team. Promoted to Product Manager, leading consumer products.
- Architected and implemented the consumer KYC system, BitPayID.
- Led product and engineering development of the US and international BitPay Card program, which enabled cryptocurrency-loaded debit card transactions.
- Served as the backend engineering leader for recruiting and hiring as the engineering team grew from 10 to 30 employees
- **Awards:** 2019 Q1 Cryptie (Employee of the Quarter)
- **Technologies:** Node.js, GraphQL, MongoDB

Quantificare

Software Engineer

September 2016 to July 2017

- **Company:** Medical technology company that performs 3D medical photography for plastic surgeons and pharmaceutical clinical trials.
- Developed a web application to replace the company's legacy system for managing photography evidence in pharmaceutical clinical trials.
- **Technologies:** Node.js, Postgres

Crawford & Company

Application Developer & Business Analyst

June 2012 to Nov 2015

- **Company:** Publicly-traded independent insurance claims management company
- Proposed an internal application to streamline client reporting to the executive team, which led to the creation of a project to build the application. Promoted to Developer and Business Analyst to lead the project. Project success led to the formation of a permanent business process improvement team focused on building applications to enhance company operations.
- **Awards:** 2013 Excellence Award (Annual IT Award)
- **Technologies:** AppianBPM

EDUCATION

University of Georgia, BBA Risk Management & Insurance

August 2008 to May 2012