

Alex Supkay

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EXPERIENCE

Art Blocks, Remote

Jan 2022 - Present

Senior Engineering Manager

- Identified and helped prioritize eliminating tech debt that was decreasing developer velocity by improving monorepo build times >75% as well as streamlined code quality checks and merging.
- Lead engineering for the curated product area working with product and leadership to determine strategy and direction given engineering constraints.
- Identified optimizations that saved the business \$220k+ a year in AWS spend.
- Mentored team members to understand their career goals leading to career growth and progression.
- Implemented realtime pipelines for secondary market functionality using AWS Lambda, ECS, SQS all within AWS CDK to make it reproducible and configurable across all environments.
- Oversaw the integration of an acquired property (Sansa) into the existing website without downtime.
- Collaborated with third-party API vendor Reservoir to create more scalable versions of their trading API offering.
- Saved the art team hours weekly by creating an artist application page using Next.js, AWS Lambda, and SendGrid that automatically created Asana tickets, sent an Ethereum transaction to make an artist project shell, and then emailed the artist.

Google, Mountain View, CA

Sep 2019 - Jan 2022

Software Engineer

- Collaborated cross-organizationally with 11 product areas to gather requirements, iterate on feedback, and manage migrations.
- Increased satisfaction of our internal React.js web app by 33% after organizing an effort to understand users and implement feedback.
- Created top level OKR dashboards in HTML, CSS, and Typescript for critical business efforts across the whole Search product area.
- Lead an initiative to improve user experience across our tooling by measuring UX debt via CSAT and took action to respond to existing problems while taking steps to prevent future issues from arising.
- Presented findings on how to improve user experience org wide positively affecting how UX was approached internally.
- Lead and reorganized the on-call rotation to make it less stressful and more actionable.
- Made a scalable Go plugin system that made access management easier, increased reliability, and required less maintenance.

Tummy, LLC, Hoboken, NJ

March 2018 - Dec 2021

Engineering Lead

- Developed the backend of a mobile social media food finding app using Node.js and MongoDB to get the application to release and reach 1000+ downloads.
- Managed the engineering team in implementing efforts across the website, mobile app, and backend to successfully release new features such as push notifications.
- Migrated the application to more scalable infrastructure on Google Cloud Platform so the app could scale to increased user counts.

EDUCATION

Stevens Institute of Technology, Hoboken, NJ

Master of Science in Software Engineering, **GPA 3.97**

Graduated May 2019

Bachelor of Science in Computer Science, Minor in Entrepreneurship, **GPA 3.592**

Graduated May 2019

Honors: Edwin A. Stevens Scholarship, Dean's List, Computer Science Honor Society

SKILLS

Languages: TypeScript, JavaScript, SQL, Python, Go, Java, C++, C#, C, Bash, Erlang, Scheme, PHP, Ruby

Frameworks & Libraries: React.js, Node.js, Next.js, React Native, GraphQL, Socket.io, Flask, HTML, Tailwind, CSS, Twilio, Strapi.js

Cloud Technologies: Amazon Web Services, Google Cloud Platform, PostgreSQL, MongoDB, Redis, Hasura, Firebase, Nginx, Vercel

DevOps & Collaboration Tools: Docker, AWS CDK, GitHub Actions, Git, Turborepo, GitHub, Linear, Asana, Notion

Certificate: Google Cloud Certified – Associate Cloud Engineer

PROJECT EXPERIENCE

Generative Artworks, Personal

Jun 2020 - Present

- Released NFT art and smart contracts on Ethereum that have \$12 million dollars of attributed sales via secondary and primary.
- Amassed over 100k followers across social platforms (Twitter, Threads, Instagram) for my code art practice.
- Donated >\$700k from art sales to charities (GiveDirectly, Cool Earth)
- Created code art tooling in Node.js that has over 100 stars on GitHub and was acquired by Art Blocks.
- Participated on a panel at NFT NYC with Erick Calderon and Ty Roberts talking about generative art on the Ethereum blockchain.

PartyPic, Personal

Nov 2023 - Present

- Created an Android and IOS app written in React Native where you can upload photos to parties with your friends.
- Implemented phone number sign up with Twilio and AWS Lambda to cut sign up time below 30 seconds.
- Hosted all infrastructure on AWS using AWS CDK allowing all infrastructure to be reproducible, configurable, and modular.
- Created scalable pipelines for image resizing and hosting using SQS, S3, Cloudfront, and Lambda.
- Maintained everything in a monorepo using Turborepo with GitHub actions for deployment, linting, and building.