

EXPERIENCE**Senior Full Stack Engineer | FLYPILOT, NY, NY** 2023 - Present

- Produced a customizable website templating suite using React, NextJS and Figma, reducing development time by 50% and costs by 75%
- Led the consolidation of 11 production sites into a unified repository, enhancing system efficiency and modularity
- Improved code quality by 30% through rigorous review, pre-checks and automated testing

Senior Full Stack Engineer | Freeman, NY, NY 2019 - 2023

- Streamlined and standardized core database models and RESTful API architecture slashing bug reports by 60% and markedly enhancing system reliability and scalability
- Elevated team coding standards and project alignment through weekly leadership of code review sessions, fostering a culture of excellence and continuous improvement
- Revitalized legacy backend systems by introducing a typesafe, serverless GraphQL API, catapulting uptime and error reporting by 80%, and setting a new benchmark in system performance

Senior Full Stack Engineer | OMG, NY, NY 08/2017 - 2019

- Composed a microservice architecture using AWS Lambda with provisioned concurrency and Cloudwatch Logs to reduce cold starts and increase internal API integration efficiency by 40%
- Developed cron job service architecture for ETL processes, increasing legacy data source consistency by 60%
- Launched a real estate listings platform, centralizing data from 10+ diverse sources via a unified GraphQL API, resulting in a 30% uptick in data retrieval efficiency

Senior Frontend Developer | IF Studio, NY, NY 01/2017 - 08/2017

- Established the first CI/CD pipeline, accelerating deployment cycles by 75%
- Authored a compelling proposal that was instrumental in securing the company's largest development deal
- Led the adoption of modern frontend technologies and frameworks, improving web application performance by 40%

Full Stack Engineer | HiKarl, Nashville, TN 2016 - 2017

- Engineered a location based search functionality with MapboxGL visualizations for local concerts based on profile details, spiking user engagement by 30%
- Built a QR code-based ticketing service for venues and venue goers resulting in the acquisition of 3 venue clients in the first 6 months of launch

E-Commerce Developer | Befine Skin Care, NY, NY 2015 - 2016

- Designed and coded a custom Shopify theme for the company's rebranded web identity using Javascript, HTML, CSS3 and the Liquid template engine
- Mastered SEO, MailChimp, and digital marketing integrations, leading to a 30% increase in shopping cart conversions

PROJECTS

CTO, Co-Founder | Soundpruf, NY, NY 2018 - 2020

- Leveraged the Spotify API for authentication and data sourcing, developing a custom monitoring platform to analyze user streaming history
- Created a reporting and data visualization service for a unique gamification layer, providing unique competitive insights for users
- Introduced a blockchain POC in Python as an off-network ledger exposed through a Flask application REST API

SKILLS

Programming Languages: Typescript/Javascript, Python, PHP, SQL, Postgres, DynamoDB, MongoDB

Frameworks/Databases: NodeJS, Express, React, NextJS, GraphQL, Prisma, Flask, Django

Platforms/Tooling: Okta, AWS Platform Docker, Serverless, Shopify, Hasura, Supabase, Railway, Redis

EDUCATION

University of Minnesota, Twin Cities, B.A. 3.8