

Joshua D. Arnow

SOFTWARE ENGINEER

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CAREER OBJECTIVE

Highly motivated full-stack software engineer seeking a dedicated team interested in growing & making a meaningful impact together.

EXPERIENCE

Team Lead

Two Fish Creative, Inc.

6/2023 – Present

- Lead cross-functional development teams, manage the full software development life cycle (SDLC), and collaborate with product managers and UX/UI designers to deliver complex, high-quality client projects.
 - Implement Agile/Scrum processes, perform rigorous code reviews, and manage project timelines to ensure on-time delivery.
 - Architect and build full-stack platforms for clients using TypeScript, React, Python/Flask, MySQL/MariaDB, and AWS.
 - Create and independently publish native iOS and Android applications and design server/database integrations.
 - Migrate monolithic legacy platforms to modern service-oriented architectures (microservices).
 - Ensure high-quality, scalable software components by writing unit and integration tests.
- Developed a new operational CRM for a major client to replace an inefficient legacy system. The new platform is projected to generate \$4.8 million in new revenue from reclaimed sales time and save \$672,000 in annual operational costs.
 - Managed complex feature development and scope pivots, including architecting a custom inventory module from scratch, implementing a sales commission automation engine, and building a multi-stop long-distance dispatching system.
- Regularly exceed client expectations which results in contract renewals with our company at higher rates, including instances when former developers could not deliver on their promises to the client.

Software Developer

Two Fish Creative, Inc.

6/2022 – 5/2023

Self-Employed

Financial Analyst

Citiscapes Realty Advisors, Inc.

12/2021 – 6/2022

Commercial & Industrial Credit Analyst

Capital One, N.A.

8/2018 – 12/2021

TECHNOLOGY SUMMARY

Programming Languages

JavaScript, TypeScript, Python, Java, C/C++, HTML5, SCSS/CSS3, SQL

Libraries

React.js, PyTorch, ChartJS, Mapbox GL JS, Firebase, jQuery, Pandas, Video.js, Swiper.js, Axios, Mongoose, Pinia, Framer Motion, Web3.js, Vue Router, Ethers.js

Frameworks

React Native, Vue.js, Next.js, Ionic/Capacitor, Express.js, Flask, Pytest, Tailwind CSS

Databases/ORMs

MySQL, MongoDB, SQLAlchemy, MariaDB

Cloud Computing, Containerization, & CI/CD

AWS Elastic Beanstalk, AWS EC2, AWS S3, AWS RDS, AWS MediaConvert, AWS Cloudfront, AWS Lambda, Docker, Kubernetes, Slurm, GitHub Actions, Xcode Cloud, Cloudflare

APIs

Mapbox GL JS, Google Places, Twilio, Sendgrid, Sign In with Apple, Google Sign-In

Miscellaneous

Scrum/Agile Methodologies, Technical Strategy, System Architecture, Microsoft Office Suite, Google Workspace

EDUCATION

Pace University

Master of Science in Computer Science — Concentration: Artificial Intelligence

New York, NY

GPA: 4.0/4.0 — August 2026 (Expected)

Coding Dojo

Full-Stack Software Development Bootcamp

Online

December 2021

Tulane University

Bachelor of Science in Economics, cum laude

New Orleans, LA

GPA: 3.7/4.0 — May 2016

Bachelor of Arts in Political Economy, cum laude

GPA: 3.7/4.0 — May 2016