

# Joshua D. Arnow

## SOFTWARE ENGINEER

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## CAREER OBJECTIVE

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

## EXPERIENCE

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### Team Lead

6/2023 – Present

*Two Fish Creative, Inc.*

- 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) utilizing Docker/Kubernetes.
  - Ensure high-quality, scalable software components by managing CI/CD pipelines and 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, securing contract renewals at higher rates often by revitalizing stalled projects and delivering critical features that previous teams could not.

### Software Developer

6/2022 – 5/2023

*Two Fish Creative, Inc.*

### Self-Employed

12/2021 – 6/2022

### Financial Analyst

8/2018 – 12/2021

*Citiscap Realty Advisors, Inc.*

### Commercial & Industrial Credit Analyst

7/2016 – 6/2018

*Capital One, N.A.*

## TECHNOLOGY SUMMARY

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### Programming Languages

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

### Libraries

React.js, PyTorch, ChartJS, Mapbox GL JS, Firebase, jQuery, Pandas, Video.js, Swiper.js, Axios, Mongoose, Three.js, Framer Motion, Pinia, 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, Figma, Business Process Modeling, Technical Strategy, System Architecture, Camunda

## EDUCATION

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### 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*

*Bachelor of Arts in Political Economy, cum laude*

New Orleans, LA

GPA: 3.7/4.0 — May 2016

GPA: 3.7/4.0 — May 2016