

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

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

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, 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

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