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
Citiscape 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, Go, 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

Pace University   New York, NY
Master of Science in Computer Science — Concentration: Artifical Intelligence   *GPA: 4.0/4.0 — August 2026 (Expected)*

Coding Dojo   Online
Full-Stack Software Development Bootcamp   *December 2021*

Tulane University   New Orleans, LA
Bachelor of Science in Economics, cum laude   *GPA: 3.7/4.0 — May 2016*
Bachelor of Arts in Political Economy, cum laude   *GPA: 3.7/4.0 — May 2016*