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

Founder & CEO   12/2025 – Present
Lumavant, LLC

- Create a novel, full-stack, and multi-platform application offering intuitive recipe creation, user experience, and sharing.
  - Leverage Apple's Foundation Models to develop a powerful AI assistant serving home cooks and culinary enthusiasts.
  - Design and implement a seamless user experience across platforms using Swift, Kotlin, React, Go, and PostgreSQL.
  - Integrate millions of recipes via extensive web scraping to solve the cold start problem and provide instant value to users.
- Build responsive e-commerce platforms in React for clients determined to expand their digital presence and drive online sales.

Team Lead   5/2023 – 12/2025
Software Engineer   6/2022 – 5/2023
Two Fish Creative, Inc.

- Led cross-functional development teams, managed the full software development life cycle (SDLC), and collaborated with product managers and UX/UI designers to deliver complex, high-quality client projects.
  - Implemented Agile/Scrum processes, performed rigorous code reviews, and managed timelines for timely feature delivery.
  - Architected and built full-stack platforms for clients using TypeScript, React, Python/Flask, MySQL/MariaDB, and AWS.
  - Created and independently published native iOS and Android applications and designed server/database integrations.
  - Migrated monolithic legacy platforms to modern service-oriented architectures (microservices) utilizing Docker/Kubernetes.
  - Ensured 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 exceeded client expectations, securing contract renewals at higher rates often by revitalizing stalled projects and delivering critical features that previous teams could not.

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
PostgreSQL, MySQL, MongoDB, MariaDB, SQLAlchemy, GORM

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)*

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*