

Multidisciplinary Software Engineer, Product Designer, and Community Leader with 7+ years of experience architecting full-stack systems, leading product development teams, and scaling impactful tech solutions across startups, mid-sized companies, and nonprofit sectors. Proven track record of delivering scalable applications in cloud-native environments using modern languages & frameworks like React, Golang, and Python, with deep fluency in containerization, AI integration, and telemetry. Fluent in both English and Spanish.

Technical Skills

Programming Languages

JavaScript/TypeScript ●●●●● Python ●●●●● Go ●●●●● C/C++ ●●●●● SQL ●●●●●

Frameworks & Tools

React ●●●●● Express.js ●●●●● AWS ●●●●● Docker ●●●●● Kubernetes ●●●●●  
Grafana ●●●●● Prometheus ●●●●● Selenium ●●●●● Flutter ●●●●● PyTorch ●●●●●

Design & Marketing

Figma ●●●●● Photoshop / Illustrator ●●●●● WordPress ●●●●● Semrush ●●●●●

Professional Experience

- Senior Software Engineer, Owner

CircleSquare Labs | Austin, US | [www.circlesquarelabs.com](http://www.circlesquarelabs.com)

January 2024 - Present

React, Golang, AWS, Docker, Supabase, Puppeteer, Leadership

  - Managing a full-service technology firm with 4+ custom solutions and the potential to concurrently service 8+ client projects.
  - Built a project management dashboard with Stripe payments and custom AWS SES / SNS e-mail client for system-wide notifications.
  - Developed OCR and search optimization AI systems capable of effectively interpreting data on a spatial and contextual level.
- President, Software Engineer

Hispanic Hackers | Austin, US | [www.hispanichackers.org](http://www.hispanichackers.org)

May 2023 - Present

Next.js, TailwindCSS, Figma, Leadership, Instruction

  - Scaled a community of Latino/Hispanic technologists by 150+ new members annually, growing to 2,700+ total members.
  - Established the organization’s 501(c)(3) status, securing its legal and operational foundation.
  - Produced and directed 45+ community events to date, resulting in increased access to resources for underrepresented technologists.
- Computer Coding Instructor (Part-Time)

Premier High School / CodeStream Studios | Austin, US

September 2024 - Present

Python, Leadership, Instruction

  - Taught Python Programming classes at Premier High School, providing instruction and mentorship to 13 students over a school year.
  - Developed curriculum, secured and implemented IEP accommodations, and prepared students for Python certification.
  - Assessed the previous year’s programming curriculum and identified key strengths and weaknesses from multiple user perspectives.
- Senior Software Engineer (Contract)

Digital Dating Safety Startup | Austin, US

December 2023 - August 2024

Angular, AWS EC2, MySQL, Java Spring, Flutter

  - Automated user registration and contest tracking with an API and dashboard application, significantly improving data reliability.
  - Executed full-scale web hosting migration, improving load times and uptime while reducing infrastructure maintenance overhead.
  - Conducted strategic technical audits—including a comprehensive tech stack and risk analysis for a high-stakes partnership—shaping executive decisions around scalability and resource allocation.
- Software Engineer

Naval Defense Agency | Austin, US

June 2022 - July 2023

C++, Go, RTI DDS, Docker, Kubernetes, Prometheus

  - Developed and deployed microservice-based DoD systems using Golang, C++, RTI DDS, and Docker for mission-critical applications.
  - Enhanced testing coverage (including edge cases), real-world simulation environments, and integrated DevSecOps practices.
  - Designed and integrated electrical systems for prototype vehicles, including CANBUS, rotary encoders, and peripheral interfacing.
- Frontend Engineer (Contract)

Drone Media Startup | Colorado Springs, US

August 2021 - July 2022

JavaScript, Python, Final Cut Pro, Photoshop

  - Designed interactive media and web content using code-based tools, while supporting business planning and strategies.
- Engineering Intern

Industrial Inspection Company | San Antonio, US

August 2020 - December 2020

C++, Python, MATLAB

  - Developed prototypes and firmware for high voltage systems and assessed integrity at sites like Asarco Silverbell and Exxon/Arcadis.

Education

Bachelor of Science in Computer Engineering

Purdue University | Indiana, US

2022

Artificial Intelligence, Microelectronics, and Software Architecture