



Rocky Fox

Software & Systems Engineer



Contact

RockyLoganFox@gmail.com

(916) 607-9133 • Boise, ID

TheRockFox.com • [LinkedIn](#) ↗



Software that works in the real world.

Engineer and full-stack developer bridging software, robotics, and customer needs. I build practical tools and intuitive products, from first concept through testing and delivery.

Skills

BUILD

Python • C# / .NET
React • TypeScript • FastAPI

DATA

SQL • MongoDB • Firestore

SYSTEMS

HIL testing • Automation
Root-cause analysis

DELIVERY

Git • Cloud Run • Technical docs

Selected projects

RouteAnchor

Founder & Full-Stack Developer

November 2025–Present • Active beta

Designed and launched a field-sales SaaS platform with paying beta users, owning UI/UX and full-stack development.

- Created CRM, route optimization, and calendar-aware planning.
- Shipped a React Native field app with offline check-ins.

Maestro iPad piano coach

Listens to a real piano and grades every note in real time.

QRGen Open-source SDK

Barcode, QR and ID scanning for web, iOS, Android and more.

Education

B.S. Mechanical Engineering • 2019

California State University, Chico
Certified SOLIDWORKS Associate

Experience

Fulfil Solutions

Controls Software Engineer / Test Engineer

Nov 2019–Mar 2025 • Controls: Mar 2022–Mar 2025

- Built C# and Python tools that improved robotic-system uptime by **15–35%**.
- Created data pipelines and live dashboards that cut diagnostic time by **50%**.
- Led HIL validation and redesigns, increasing mean time between failures by **22%**.

Piper Medical

Assistant Engineer

2014–2018

Automated medical-device testing and reporting with Python and Excel VBA, reducing report preparation time by **40%**.

Hattori Hanzo Shears

Territory Sales Representative

2025–September 2026

Managed an Idaho B2B territory, reaching **\$19K+** in monthly sales against an \$18K target and coordinating customer service and repairs.