

# CHAD LOZANO

Full-Stack Developer · Cybersecurity Consultant · Founder, nSite Tech

Bellingham, WA | 360-255-8377 | [chad@nsite.tech](mailto:chad@nsite.tech) | [linkedin.com/in/chad-lozano](https://www.linkedin.com/in/chad-lozano) | [nsite.tech](https://nsite.tech)

---

Self-taught full-stack developer and cybersecurity consultant who takes production systems from first commit to live deployment. As founder of nSite Tech I design, build, secure, and ship complete web platforms — React/TypeScript frontends, Node.js APIs, databases, Linux servers, DNS, and email infrastructure — and serve as a frontline responder for cybersecurity emergencies including ransomware recovery and network breach mitigation. Comfortable from the terminal to the client meeting, with a working history in project management and the skilled trades that keeps my software grounded in how real businesses operate.

## TECHNICAL SKILLS

---

**Languages & Frameworks:** JavaScript / TypeScript, Python, React, Node.js, Express, PHP, HTML5, CSS, Tailwind CSS, SQL

**Data & Backend:** Prisma ORM, SQLite, MariaDB, MongoDB, REST API design, JWT auth, role-based access control

**Security:** Incident response, ransomware recovery, network security (firewalls, VPN, IDS), SIEM, penetration testing, IAM, threat analysis, risk assessment, computer forensics

**Infrastructure & DevOps:** Linux (Ubuntu), WSL2, server deployment & HTTPS, CloudPanel, DNS management, SendGrid/SMTP, automated backups, Git/GitHub

**AI & Hardware:** PyTorch, OpenCV, computer vision, edge deployment on Nvidia Jetson & Raspberry Pi, hardware diagnostics & repair

**Web Growth:** Technical SEO (structured data, sitemaps, Core Web Vitals), Google Analytics & Search Console, SEM, UX design, WordPress, Photoshop

## EXPERIENCE

---

### Founder & Chief Information Technology Officer

Jan 2026 – Present

*nSite Tech · Bellingham, WA*

- Founded a technology consultancy delivering full-stack web platforms, cybersecurity incident response, and IT services to small and mid-size businesses, building on a decade of client-endorsed independent IT and web work.
- **Selected engagement — Credo Construction (regional design-build general contractor):** sole developer of a complete replacement for the company's WordPress site, delivered launch-ready.
  - Architected and built the full stack: React 19 + TypeScript + Tailwind CSS frontend, Node.js/Express API, Prisma/SQLite data layer — one process serving site, API, and uploads.
  - Migrated 119 portfolio projects and 500+ photos via automated scraping, data cleaning, and perceptual-hash duplicate detection; converted all media to optimized responsive WebP.
  - Built a role-based admin CMS (administrator/editor): drag-and-drop image ordering, content review queue, hiring pipeline with resume uploads, and a message inbox with SMTP email notifications.
  - Executed on-site SEO to a ~93/100 audit score: schema.org structured data, ~90 indexable project pages, server-side meta injection for crawlers, and a database-generated sitemap.
  - Hardened and verified the production build; authored the deployment runbook (Ubuntu, HTTPS, secrets management, scheduled backups).
- Lead emergency cybersecurity engagements — incident management, ransomware recovery, and network breach mitigation — prioritizing business continuity and risk reduction.
- Deploy machine learning and computer vision solutions (PyTorch, OpenCV) on Nvidia Jetson and Raspberry Pi edge hardware.

### Project Manager

Mar 2016 – Sep 2022

*All Traffic Data Services · San Jose, CA*

- Managed traffic data collection projects across a six-and-a-half-year tenure — coordinating schedules, field teams, equipment, and client deliverables from scoping through final delivery.

## Mason

Jan 2007 – Jan 2014

*Construction by Champion · Washington*

- Seven years of brickwork and structural masonry on commercial and residential builds — jobsite discipline, precision under deadlines, and construction domain fluency I now apply directly when building software for construction-industry clients.

## CERTIFICATIONS

---

**Google Cybersecurity Certificate** — Google Career Certificates · Issued Sep 2024 · Credential 9SH4LPAQRHDR

Component courses: Foundations of Cybersecurity · Play It Safe: Manage Security Risks · Connect and Protect: Networks and Network Security · Tools of the Trade: Linux and SQL · Assets, Threats, and Vulnerabilities · Sound the Alarm: Detection and Response · Automate Cybersecurity Tasks with Python · Google Cybersecurity Specialization

## EDUCATION

---

### **Master of Computer Applications (MCA), Cyber/Electronic Operations and Warfare**

2024 – 2025

*Stanford University Department of Computer Science*

### **Computer Science**

2009 – 2010

*Whatcom Community College*