Sunny Patel | Staff Software Engineer

Technical Architect & DevOps Engineer

Frisco, Texas ◆ LaughDonor@gmail.com ◆ (585)214-9911
linkedin.com/in/laughdonor ◆ github.com/laughdonor
Active DoD Top Secret (cleared since 2013, exp. May 2028) ◆ CSSLP ◆ Security+

"The Lazy Programmer: A quality that makes you go through great efforts to reduce overall energy expenditure. It makes you write labor-saving programs that others find useful."

Executive Profile

Staff Software Engineer with 18 years setting technical direction across defense, civilian federal, public-safety, tax, real-estate, and publishing systems: modernizing legacy architectures, and setting the engineering bar through mentorship, guilds, and hiring screens. The through-line is identity, secure delivery, and platforms other teams adopt: classified Air Force applications that keep operating when the network drops, single sign-on for a 3M-user public-safety platform, and a shared frontend and service layer now shipping in production for the Small Business Administration. Hands-on in Python, TypeScript, Java, and C#, from architecture review and design systems through the build chain and the production path.

Core Competencies

- **Identity & Access:** SSO, Keycloak, Okta, multi-tenancy, zero-trust, and hub-and-spoke in DDIL environments.
- **Technical Leadership:** Architecture review boards, design docs and ADRs, coding standards, design systems, guilds, mentorship, and hiring screens across multiple teams.
- **Secure Delivery:** AWS GovCloud/commercial, EKS, Terraform, Docker, GitHub Actions, GitLab, Nexus, Fortify/OWASP.
- **Engineering Principles:** SOLID, TDD, DDD, CQRS, defense in depth, secure SDLC, microservices, IaC, Agile/Scrum.
- **Stack:** Python, TypeScript, Java, C#, JavaScript, React, Vue, Angular, Django, FastAPI, PostgreSQL, Oracle, SQL Server.

Professional Experience

Guidehouse (U.S. Small Business Administration Support)

Remote

Staff Software Engineer (Contract via Judge Technical Services) *Feb 2026 - Present*

- **Multi-Team Direction:** Set technical direction across **four product teams and five codebases** through the Architectural Review Board, standardizing shared products and the ADRs those teams build from.
- **Code Review:** Shipped **100 merged pull requests** in 2026 and reviewed **300 more**.
- **Hiring Bar:** Screened **300+ resumes (50 a month)** and kept AI-generated applications out of the interview pipeline.
- **Shared Frontend Platform:** Built the organization-wide Vue / TypeScript design system on PrimeVue (Sass tokens, tree-shakable exports, Storybook, Chromatic, **100% unit coverage**) and set the **WCAG 2.x** bar in shared components, so accessibility fixes ship once and every consumer inherits them.
  - **Three of four** SBA products ship that code in production. The fourth is still in development.
- **System of Record:** Extended the FastAPI / Pydantic layer to merge Oracle and PostgreSQL records, and shipped Django REST on it with role-based views, audit logging, and async exports.
- **Delivery:** Rebuilt delivery on parallel cached GitHub Actions, repeatable Docker builds, and ArgoCD.
- **Tech Stack:** Python (Django/DRF, FastAPI), TypeScript, Vue 3, PrimeVue, Oracle/PostgreSQL, GitHub Actions, Okta/SSO

Raft LLC (Kessel Run, U.S. Air Force Support)

Remote

Staff Software Engineer (On-call Consulting) *Jan 2026 - Jul 2026*
Staff Software Engineer *Oct 2023 - Jan 2026*
Sr. Software Engineer *Oct 2022 - Oct 2023*

- **Identity Platform:** Architected Keycloak single sign-on and multi-tenant, zero-trust access for **30+ applications** used by tens of thousands of Air Force personnel, including classified DDIL environments.
- **Disconnected Operation:** Sites used a hub-and-spoke data model. While the link was up, the hub database was primary and each site database was a spoke. When the link was degraded or cut, the site database became primary and queued changes to sync on reconnect.
  - Rejected a design that blocked all writes until the hub returned, because a disconnected site still had to operate. Coded the reconnect path for conflicts, with fine-grained rules for how writes from both sides resolve.
- **Mission Client:** Championed the Java suite and the TypeScript / React client, including the mobile experience.
- **Secure Build Chain:** Chose Security pipelines so every build had chain of custody through Nexus.
- **Engineering Bar:** Established cross-team guilds and a coding-standards guide, wired those rules into IDE tooling, documented the architecture, and held **80% test coverage** on a Security+ baseline.
- **Outcome:** Led the refactoring that hardened security boundaries, confirmed by penetration testing, and raised application throughput **146%** with no additional hardware, confirmed by performance benchmarks.
- **Capture:** Supported capture and proposal development as a technical contributor on follow-on work.
- **Tech Stack:** Java 21, TypeScript, React, Kotlin, Keycloak, Freemarker (FTL), Docker/Compose, GitLab Enterprise

Lexipol LLC
Frisco, TX

Sr. Software Engineer
Dec 2020 - Oct 2023

- **Identity at Scale:** Supported the production Django single sign-on serving **3M+ users (120k+ MAU)** across thousands of sites, with a React frontend.
- **Platform Split:** Moved a trunk-based monolith to a containerized polyrepo so **5 apps** release independently.
- **Domain-Driven Design:** Applied it to the identity platform and the boundaries of those five applications.
- **Delivery Process:** Moved the team from trunk-based development to a multi-environment sprint cycle, including the git branching strategy and the maintenance workflow.
- **Leverage:** Reviewed **3,500+ pull requests** from 9 developers, mentored engineers through **2 promotions**, and cut onboarding time **86%** with automated setup and documentation.
- **Production:** Ran biweekly releases and the cloud changes behind them, with Datadog and Sentry.
- **Policy Comparison:** Spearheaded an OpenAI proof of concept that compared policy documents and answered questions about them through retrieval-augmented generation (RAG), including a Microsoft Teams plugin.
- **Tech Stack:** Django, Python, React, PostgreSQL, MySQL, AWS, Docker

Ryan LLC
Dallas, TX

Sr. Software Engineer
Jul 2019 - Dec 2020

- **Legacy Rescue:** Cut a critical VB.NET codebase by **30% (300k+ lines)** through deduplication and modern patterns.
- **Database Optimization:** Tuned 57 SQL Server procedures for 60+ users, from 4-5 days to **under 2 minutes** (**3,000x**).
- **Delivery Process:** Designed the SDLC, demoed it practice-wide, and ran ETL with Alteryx and AWS Glue.
- **Release Channel:** Shipped secure desktop builds monthly through SCCM, with a beta channel for 60+ users.
- **Tech Stack:** VB.NET, SQL Server, PowerShell, Alteryx, AWS Glue, SCCM

Xome Inc.
Lewisville, TX

Sr. Software Development Engineer
Mar 2018 - Jul 2019

- **API Migration:** Led the REST-to-GraphQL move and a Python upgrade, cutting auction-platform load times by **84%**.
- **Live Auctions:** Extended the middleware that tracks real-estate assets in real time, including blockchain.
- **Engineering Standards:** Designed a company-wide coding-standards guide and the tools that let the CI/CD pipelines run with less manual gating, and tuned database and server-side paths that were adding latency.
- **Tech Stack:** Python, Flask, GraphQL, PostgreSQL, SQLAlchemy, JavaScript

Tier One Technologies (U.S. Defense Manpower Data Centers Support)
Plano, TX

Applications Software Engineer
Apr 2017 - Mar 2018

- **Cyber Hardening:** Closed known vulnerabilities across **84 Java applications** used by military personnel.
- **Modernization:** Moved legacy front ends to Angular and scripted X.509 XML signing with PowerShell and Bash.
- **Mission Support:** Built DMDC applications with DXC Technologies for service members and their families.
- **Tech Stack:** Java, Angular, Oracle, JBoss, WebLogic, OpenSSL, Fortify/OWASP

EOIR Technologies (U.S. Navy Support)
Dahlgren, VA

Sr. Software Engineer
Dec 2014 - Mar 2017

- **Internal Platform:** Built a C# and React app that replaced internal tooling and sped up continuous integration.
- **Field Engineering:** Ran software RF tests in the field and aboard a Naval cruiser, including the RF equipment controls.
- **Spectrum Systems:** Tested spectrum-awareness for the Navy as SME on web, database, and architecture.
- **Team Practice:** Introduced Scrum for defense timelines and mentored junior engineers on design and style.
- **Tech Stack:** C#, ASP.NET MVC, React, Entity Framework, SQL Server, Python

Innoflight Inc. (U.S. Air Force Support)
San Diego, CA

Jr. Software Engineer
Oct 2013 - Nov 2014

- **Embedded Interfaces:** Built Linux and bare-metal front ends for USAF systems.
- **COMSEC Testing:** Wrote test applications for embedded encryption and decryption.
- **Message System:** Designed cryptographic messaging with custom packets and contributed the design guide.
- **Tech Stack:** C, Python, TCP/UDP, IPsec, HAIPE IS, Tcl, Xilinx

A.H. Belo (Dallas Morning News)
Dallas, TX

Web Developer
Jun 2011 - Oct 2013

- **Shared Codebase:** One Java codebase for five newspaper sites, cutting duplicate work and raising throughput **35%**.
- **Command and Query Separation:** The Spring MVC services used CQRS, so writes and reads did not share one model.
- **Publishing Tools:** Extended the content-management widgets editors used, sped up server-page response, and kept third-party software working against that shared backend.
- **Tech Stack:** Java, Spring MVC, JSP, JavaScript, jQuery, Varnish, Tomcat, WebLogic

Pro Web Design Studios
Dallas, TX

Lead Web Developer / Project Manager
Sep 2010 - Apr 2011

- **Studio Output:** Delivered 60+ client sites and raised studio margins by **320%**.
- **Delivery Leadership:** Ran client, design, and engineering coordination, trained in-house developers on the studio's standards, and moved finished sites from the studio servers onto each client's host.
- **Studio Operations:** Stood up VoIP, the local network server, and backup for project work.
- **Tech Stack:** PHP, MySQL, WordPress, Joomla, Magento, JavaScript

Innocence Project, UT Arlington Division
Arlington, TX

Lead Website Developer
Spring 2009

- **Case Platform:** Built a content-management base from scratch, with colleagues, for the collaborative case website.
- **Case Files:** Created document, project, and case management for members and administrators, including revision control and uploading multiple files at once.
- **Collaborative Review:** Helped members leave real-time comments on PDF case documents in the browser.
- **Tech Stack:** PHP, HTML, CSS, JavaScript, jQuery, AJAX, LAMP

Self
Rochester, Arlington, Dallas

Freelance Full Stack Developer
Feb 2005 - Aug 2011

- **Client Builds:** Designed web applications from scratch for independent clients.
- **Consulting:** Advised clients on software development and technical management.
- **Ownership:** Maintained **20+** completed solutions after launch.

Legacy & Retired Technologies

Technologies I have used in production and can still maintain, migrate, or modernize.

- **Languages:** Java 1.2-8, C/C++, PHP 5, Python 2.x, VB.NET, VBScript, Flash ActionScript 2/3, Groovy, Google Script, CoffeeScript, LESS, Tcl, AutoIt, XSLT, ClearSilver, UML, RSS.
- **Frameworks & Libraries:** jQuery, AngularJS, ASP Classic, JSP, WPF, WCF, ADO.NET, WinForms, Struts, WebLogic, Backbone, Smarty, Kendo UI, Varnish, MooTools, Bootstrap, MUI, Express.js, Hibernate.
- **Data & Integration:** MongoDB, SSIS, LINQ to SQL, SOAP, .NET Framework 2-5, XAMPP, MEAN, WAMP, IIS, Apache.
- **Platforms:** Node.js, Ruby, Jenkins, Maven, Gradle, Webpack, Vite, Gulp, Bower, AWS CodeBuild, Octopus Deploy.
- **Accounts & Observability:** AWS Cognito, Azure AD, Auth0, CloudWatch, Kibana, SonarQube.
- **Revision & Design:** Subversion, CVS, RCS, Jira, Team Foundation Server, Figma, Visio, Draw.io, Glade, OxygenXML.
- **Hosting & Content:** CPanel, WHM, Plesk, Webmin, Escenic, Sage CRM, CCI Newsgate, AutoHotKey, Apache Ant.
- **Tools & CMS:** VMWare, Joomla, Drupal, Magento, Wireshark, Dreamweaver, Putty, Alteryx, ReSharper, StyleCop.

Education

University of Texas at Arlington
Arlington, TX

B.S. University Studies (Software Engineering Emphasis)
2011

Rochester Institute of Technology
Rochester, NY

Coursework in Software Engineering
2003 - 2006

Certifications & Languages

Active Top Secret Department of Defense — *May 2028*
Security+ (SY0-701) CompTIA — *Sept 2027*
Certified ScrumMaster Scrum Alliance — *Jan 2028*
CSSLP LinkedIn Learning
Certified Ethical Hacker Cyber Training 365 — *In Progress*
AWS Solutions Architect Amazon Web Services — *In Progress*

Languages: English, Gujarati, and Hindi. Competent in French and Spanish.