

JOHN HAVEN BRADLEY

Forward Deployed Engineer · Government AI Deployments

Washington, DC 20009

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SUMMARY

Engineer who deploys next to the government customer, writes the code, and proves the mission case in numbers. Based in Washington, DC. At **Elastic**, owned technical value engineering for the **U.S. federal and public sector business** across search, observability, and security, and designed and built the internal cost and value modeling application that agency business cases were run on. Currently building infrastructure for AI agents: **Calm Vault** is an open-source credential broker that lets an agent use an API key without ever holding it, with one-command revocation and a hash-chained audit log. Ranger-qualified Army engineer officer (Sapper) and Captain in the Individual Ready Reserve who ran a \$9.5M counter-IED center that certified 7,000+ soldiers and coordinated with the FBI Bomb Squad. Built and shipped the MVP for **ServiceUp**, which reached 77th on the 2025 Inc. 5000. Cornell MBA, GMAT 750. Writes Python daily.

EXPERIENCE

Self-employed

Washington, DC

Independent AI Engineer

May 2026 - Present

- Built **Calm Vault**, a credential broker for AI agents. An agent that operates anything real has to hold your Stripe or Anthropic API keys, and then it holds them for good. Calm Vault issues signed single-use grants with an expiry instead, so the agent uses a key without ever holding it and one command revokes everything outstanding.
- Ed25519 signing, AES-256-GCM at rest with a Scrypt-derived key, and a hash-chained audit log where altering one entry invalidates every entry after it. Python, open source, 76 commits, live docs:
github.com/CrunchyJohnHaven/calm-vault
- Built **Myriam Kit**, a toolkit for publishing facts so a stranger can verify later that they were not edited. Merkle trees, OpenTimestamps anchoring, IPFS pinning, CC0: github.com/CrunchyJohnHaven/myriam-kit

Elastic (Endgame Systems, LLC)

Arlington, VA

Senior Value Engineer

Jan 2026 - May 2026

- Designed and built an **internal cost and value modeling application** that converted infrastructure, license, and operational spend into a defensible ROI case. It replaced bespoke spreadsheets and was used in live pursuits.
- Owned technical value engineering for Elastic's **U.S. federal and public sector business**: discovery with agency technical and mission stakeholders, quantified business cases, and executive-ready value narratives that sales carried into the room.
- Translated search, observability, and security platform capability into mission and budget language for government buyers operating under appropriations constraints.

United States Army

Joint Base Lewis-McChord, WA

Captain (O-3), Engineer Officer (12A) · Ranger-qualified Sapper

Jun 2013 - Jun 2017

- Led strategy and operations for a **Counter-IED Center** with **\$9.5M in assets** and **12 senior instructors**, building training programs that certified **7,000+ soldiers** and briefing general officers.
- Coordinated counter-IED and domestic terrorism training with the **FBI Bomb Squad**, **foreign military partners**, and **civilian law enforcement**.
- Commanded a Combat Engineer Sapper platoon of **25 to 40 soldiers** and **\$11M in mission-critical equipment**, running a year-long training and validation pathway to a **95% certification rate**.
- Won Best Sapper at Joint Base Lewis-McChord** and represented the installation at the All-Army Best Sapper Competition. Graduate of **Ranger School**, **Sapper School**, and the **Explosive Ordnance Clearance Agent course**. Top 15% of officers in the Engineer Officer Leader Course.
- Currently **Captain, Individual Ready Reserve**. U.S. citizen with a **security clearance investigation in process**.

Salesforce

San Francisco, CA

Program / Project Management Senior Lead

Apr 2025 - Sep 2025

- Ran a **\$50M+ portfolio** of incentive compensation and product adoption programs across a 2,500-person Customer Success organization.
- Built value frameworks and executive dashboards tying product usage to net revenue retention and churn, cutting **budget variance by 15%**.

- Led VP and SVP working sessions and authored the business cases that quantified FY27 compensation and adoption strategy, **accelerating planning by three weeks**.
- The performance framework became the foundation of a new organization-wide playbook.

Presidio Technology Partners

Technology Investment Banking Associate

San Francisco, CA

Jan 2023 - Feb 2025

- Served as de facto value engineer on **eight enterprise SaaS sell-side processes across four transactions, \$140M+ combined**: deep discovery with technical and business stakeholders, TAM sizing, and quantified value levers.
- Built the revenue-uplift, cost-savings, and efficiency models behind C-suite and board decisions, **beating client expectations by 20%**.
- Ran compressed diligence workstreams across legal, product, and finance, delivering the full **ComplyNet process in 17 days**.

Jefferies LLC

Technology Investment Banking Associate

San Francisco, CA

Jul 2022 - Sep 2022

- Supported **\$4.3B in technology M&A** across software and infrastructure, running market and competitive analysis and building the value models that strategic and financial buyers underwrote.
- Authored board-level recommendation decks linking product capability to financial impact; **influenced a \$400M acquisition** with a quantified value narrative and risk/return scenarios.

RETTEX Inc. (ServiceUp)

Founder and Chief Technology Officer, RETTEX Inc.

Mountain View, CA

Nov 2018 - Apr 2020

- Built the MVP for **ServiceUp**, an automotive services platform now serving enterprise fleets including **Apple and Sunrun**, owning the release plan and shipping the first versions to the App Store.
- ServiceUp reached **77th on the 2025 Inc. 5000** on 4,057% three-year revenue growth and has raised **\$70M from PeakSpan and Tiger Global**.
- Designed the pricing and consumption-based engagement model, and stood up the OKR and KPI operating system the company scaled on.

EDUCATION

Cornell SC Johnson College of Business

Master of Business Administration

Ithaca, NY

Aug 2020 - May 2022

GMAT 750 (top 1%). **Peter and Stephanie Nolan Veteran Scholar, full scholarship**. Old Ezra Finance Club, Johnson Private Equity & Credit Club, Association of Veterans.

American University

Bachelor of Arts, Literature · Georgetown University Military Science (Army ROTC)

Washington, DC

Aug 2009 - May 2013

Presidential Scholarship (100%). **Distinguished Military Graduate**, Georgetown ROTC. Army ROTC merit scholar, Ranger Challenge Team.

SKILLS, SERVICE AND CREDENTIALS

Building. Python, SQL, JavaScript/TypeScript, React, REST APIs, Google Cloud, full-stack prototyping, applied cryptography (Ed25519, AES-256-GCM)

Applied AI. LLM application development, guardrails for unreliable model output, agent credential and audit infrastructure, agent-orchestrated workflows

Observability and platform. search, observability, and security analytics, data infrastructure, instrumented delivery, SaaS operations

Government delivery. federal and public sector technical discovery, agency mission and technical stakeholders, appropriations-aware business cases, deployments constrained to run inside customer infrastructure

Service. Captain, Individual Ready Reserve. Ranger School, Sapper School, Explosive Ordnance Clearance Agent. Interagency coordination with the FBI Bomb Squad and foreign military partners.

Credentials. Cornell MBA, GMAT 750 · Salesforce AI Associate (2025) · FINRA Series 79 · Spanish, conversational