**ex-Googler ◦ full-stack engineer with 10+ years of experience ◦ Air Force veteran**

# Work Experience

## Google March 2022 – March 2023

### Senior Software Engineer Fully Remote

* Wrote well-tested Java code for backend microservices. Implemented proxy for gRPC calls, enhancing security
* Maintained TypeScript / Soy template front ends using accessibility best practices. Defined SQL data structures
* Led documentation and code health effort. Created onboarding/on-call doc template, fixed 12 inconsistent tests

## Sovereign Sportsman Solutions May 2021 – March 2022

### Senior Software Engineer Fully Remote

* Built .NET MVC sites for state governments. Utilized Entity Framework, Kendo UI, Vue, MS SQL Server
* Led creation of research permit system. Gathered requirements, designed DB schema, wrote CRUD pages

## 689th Network Operating Squadron (*USAF Reserve*) March 2020 – May 2022

### Noncommissioned Officer in Charge, Tactics and Capabilities Gunter Annex, Maxwell AFB, AL

* Taught Windows terminal, Python scripting, and public speaking fundamentals to unit’s cybersecurity Airmen
* Trained unit on using Splunk to investigate logs. Created script to automate query creation, prevented mistakes
* Managed three direct reports. Wrote performance reviews, reported issues to leadership, provided mentorship

## CGI, Inc. March 2020 – May 2021

### Software Engineer Remote due to COVID-19

* Mentored junior engineers on best practices. Used SonarQube to identify and correct 250+ tech debt issues
* Maintained .NET microservices. Demoed features, reviewed code, and managed Jenkins build pipelines
* Refactored legacy services to implement DI & automated testing. Increased code coverage from 0% to 70%

## Airman Leadership School March 2016 – February 2020

### Professional Military Education Instructor Maxwell AFB, AL

* Wrote JavaScript/VBA scripts to automate administrative duties. Increased class size 30% without adding staff
* Integrated PayPal checkout, enabling 2K reservations worth over $52K. Eliminated 90% of printed material
* Pioneered new curriculum & learning management system. Instructed 100s of Airmen in military leadership

## Headquarters, Air University December 2011 – February 2016

### Software Development Team Lead Maxwell AFB, AL

* Led code security clean-up effort. Fixed 262 vulnerabilities, including SQL injection/remote execution risk
* Rewrote legacy code to be multithreaded. Sped one process by 99%, reducing runtime from 2 hours to 1 minute
* Upgraded ASP.NET web app from deprecated API. Resolved dozens of dependency issues, prevented outage.

# Education

## Trident University International 2019

### Bachelor of Science, Computer Science Summa cum laude, 3.97 GPA

## Community College of the Air Force

### Associate’s, Instructor of Technology & Military Science **2017** Associate’s Computer Science Technology **2015**

# Military / Leadership Training

## Noncommissioned Officer Academy October 2021

## Senior Enlisted Joint Professional Military Education I September 2021

## Enlisted Professional Military Education Instructor Course March 2016

## Airman Leadership School July 2015