

## Employment History (Corporate)

### Educe Group (June 2022 – April 2023), consultancy

#### Position: Senior Full Stack Developer

- About 70% of the time was spent writing stored procedures in SQL for a MySQL database in AWS.
- The remaining 30% was spent with Vue JavaScript framework.
- My team was dedicated to supporting and extending a product named Calculo which stores continuing education credits, corresponding training, and all associated requirements and processes to maintain accounting licenses.

**Technologies:** Node.js, Vue, JavaScript, MySQL, Git, HTML, CSS

### Bank Of America (July 2017 – May 2022)

#### Position: Senior Front End Developer

- Bank of America internally used a variety of technologies including Vue, React, and Angular JavaScript frameworks.
- Working with internal team CCVT (Contact Center Voice Technologies) I was maintaining and extended a JavaScript based desktop application call center agents used to reference various banking products and services used by a given customer.
- Working for internal team AuthHub I maintained various user facing authentication widgets for Merrill Lynch brand.

**Technologies:** Node.js, JavaScript, JavaScript, TypeScript, Git, SVN, HTML, CSS

### Orbitz/Expedia (April 2015 – July 2017), online travel agency

#### Position: Senior Front End Developer

- At Orbitz we developed and designed front end technologies for partner businesses that needed a branded travel website. The primary business partner at that time was Bank of America.
- Orbitz was purchased by Expedia and the mission was to migrate Orbitz technology onto the Expedia platform.

**Technologies:** Node.js, JavaScript, Git, HTML, CSS

### Razorfish (June 2014 – April 2015), creative consultancy

#### Position: Senior Strategy Consultant

- I was the first fully remote hire by Razorfish to work full time at their largest regional client: Southwest Airlines.
- Helping the client achieve full WCAG 2.0 AA compliance on all web products for their new website and rebranding.
- My secondary responsibilities were to smooth over relations between Southwest and Razorfish and as necessary between Southwest's technology department and marketing department.

**Technologies:** Node.js, JavaScript, Git, HTML, CSS, WCAG 2.0 Compliance (Accessibility)

### Travelocity (October 2007 – February 2014), online travel agency

#### Position: Senior Front End Developer

- I am a self-taught developer after being involuntarily reassigned from a design position to a developer position.
- I was promoted to a senior level position when I became the A/B experimentation engineer for the company.

**Technologies:** Node.js, JavaScript, Git, HTML, CSS, XML, WCAG 2.0, TeaLeaf, Adobe Test & Target

## **Military**

- Officer, Chief Warrant 2 in US Army Reserves, Signal Corp. (CW2)
- Federal Security Clearance: TS/SCI (Top Secret)
- Years of experience: 26

## **Deployments and Leadership**

### **Camp Doha, Kuwait (December 2003 – December 2004)**

- Unit: 335<sup>th</sup> Theater Signal Command
- Position: Team Leader of operations, night shift
- My team and I provided operational oversight for a network of 300,000 users in all military operations of Kuwait, Iraq, and Afghanistan, prepared status reports to this effect, and briefed various senior executives.

### **Bagram Air Base, Afghanistan (July 2009 – July 2010)**

- Unit: Regional Computer Emergency Response Team, Southwest Asia (RCERT-SWA)
- Position: Junior member of the elite 2 person Computer Defense Assistance Program (CDAP) Afghanistan.
- We traveled to various Army bases in Afghanistan analyzing security posture, writing reports, and providing recommendations for improvements. I obtained CISSP certification at the end of this deployment.

### **Kandahar Air Base, Afghanistan (September 2012 – September 2013)**

- Unit: 311<sup>th</sup> Sustainment Command
- Position: NCOIC (associate director) of Knowledge Management
- I visited with the 24 teams that comprised this command unit to develop a common scheme of information share and publication to increase transparency and inter-team cooperation.

### **Arifjan, Kuwait (October 2018 – July 2019)**

- Unit: 300<sup>th</sup> Sustainment Brigade
- Position: Chief of Network Operations
- Ensure network infrastructure remained stable and build necessary business relationships to fix associated problems on the installation and coordinate any kind of wiring mission within the unit's compound.

### **Arifjan, Kuwait (June 2020 – January 2021)**

- Unit: 311<sup>th</sup> Sustainment Command
- Position: Officer in Charge of Technical Support and Help Desk
- I supervised a staff of 16 soldiers including 4 subordinate managers to provide a wide range of operational technology support in a location of failing infrastructure due to catastrophic flooding and insufficient network enterprise maintenance due to COVID-19.

## **Schools**

- WOBC, 255A – 9 months, graduated in August 2018. **CCNA, CASP, PowerShell, NAS, Windows Server**
- WOAC, 255A – 3 months, graduated in September 2023. **CISSP, CCNP Switching, Azure Cloud**

# Personal Projects

## Share File Systems (August 2019 – Present), decentralization

- I created an internal security model to integrate authentication seamlessly into a multi-tier decentralization model, <https://github.com/prettydiff/share-file-systems/blob/master/documentation/decentralization.md>
- I created a new event-driven browser test automation approach to more quickly test for regression end-to-end and peer-to-peer across multiple computers.
- I created a graphic user interface, in the browser, with page load and state restoration under 80ms.
- <https://github.com/prettydiff/share-file-systems>

**Technologies:** Node.js, TypeScript, HTML, CSS, Git, Test Automation, Micro Services, WCAG 2.0, Decentralization

## Pretty Diff (March 2009 – August 2019), code comparison and beautification

- A code beautification and comparison tool. More than 1 million downloads from NPM and used by some developers at Bank of America before I joined the bank.
- <https://github.com/prettydiff/prettydiff>

**Technologies:** Node.js, TypeScript, HTML, CSS, Git

## Mail Markup Language (November 2007 – December 2009)

- An original markup language to convey email threads in a manner that is fully accessible and simplistic for branded messaging. Sabre Holdings attempted to patent novel technology features provided in the language.
- <http://mailmarkup.org/>

**Technologies:** XML Schema

## Semantic Text

- A simple tool to paste into the browser console that output's HTML code structure patterns representing common accessibility anti-patterns
- <https://github.com/prettydiff/semanticText>

**Technologies:** JavaScript

## Color Contrast

- A tool to perform a color contrast test against all colors in a color scheme for accessibility violations.
- <https://github.com/prettydiff/colorContrast>

**Technologies:** HTML, CSS, JavaScript

# Education

Tarleton State University, Stephenville TX, Bachelor of Science in General Studies, May 2006

# Certifications

- CISSP – ISC2, 2010 – 2013, Credential ID 378597
- CASP – CompTIA, 2018 – Present, Credential ID COMP001008238909
- Security+ – CompTIA, 2009 – Present, Credential ID COMP001008238909