


# Peter Samper

Software Engineer

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## Professional Summary

Software Engineer with 4+ years of experience building and optimizing high-reliability systems, with a focus on backend infrastructure, automated testing, and performance-critical services. U.S. Air Force veteran, bringing a mission-first mindset and a track record of ownership. Passionate about building systems that deliver measurable impact.

## Employment History

**Bloomberg L.P.** | Software Engineer | 2020 - 2024

- Maintained high-traffic, low latency financial software systems in the fixed-income markets space.
- Improved critical fixed-income pricing services, reducing processing times by up to **60%** through operational and code optimizations.
- Designed, developed, and maintained quality assurance systems (microservices and web apps) for validating market data integrity within **Bloomberg's Ticker Plant**.
- Contributed to building and maintaining software infrastructure and data pipelines enabling **conversational AI** workflows for the Bloomberg Help Desk system, improving response efficiency and customer satisfaction.
- Migrated legacy applications to Linux platforms to **increase developer productivity** and **reduce infrastructure costs**.
- Served as a **Bloomberg C++ Guild** associate, contributing technical documentation and organizing company events to foster best practices and internal knowledge-sharing.

**United States Air Force** | Security Forces Specialist | 2014 - 2020

- Awarded the **Air Force Achievement Medal** for Meritorious Service.
- Deployed to Kandahar, Afghanistan (Operation Enduring Freedom), contributing to U.S. mission coordination with Afghan military and government leadership.

## Technical Skills

**Languages:** Python, C++, JavaScript/TypeScript, Haskell, SQL

**Frameworks/Technologies:** React.js, Node.js, Flask, Apache Kafka, Solr

**Tools:** Git, Docker, Kubernetes, Linux, Jira, Humio, CI/CD pipelines

**Other:** Microservices architecture, Software Testing, Data Pipelines

## Education

**Rutgers University - New Brunswick, NJ** | September 2014 - May 2019

BA Psychology

**Fullstack Academy, New York, NY** | November 2019 - April 2020

Immersive Software Engineering Program. Fullstack JavaScript & Computer Science