

# Gregory Standerfer

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## OBJECTIVE

Senior Software Development Engineer with 15+ years of experience designing and scaling distributed systems, with experience building 5+ data pipelines from scratch. Proven track record of leading high-impact backend and full-stack initiatives in multi-region AWS environments.

## SUMMARY OF QUALIFICATIONS

- Strong backend expertise using Java and Python, Numpy and Pandas, with full-stack experience in JavaScript/HTML5; systems deployed and operated in multi-region AWS environments. Professional experience in C# and C++.
- Deep experience with AWS services including S3, DynamoDB, SQS, SNS, and CDK, building highly available and scalable services.
- Proven track record of owning end-to-end system design, from greenfield architecture to successful launch and long-term operational excellence.
- Designed and scaled services supporting thousands of users and critical business workflows.
- On-call leader known for driving root-cause analysis, post-incident improvements, and long-term reliability gains.
- Technical leader who has mentored and led multiple engineers, influencing design decisions across teams.
- Experienced in both Windows and Unix/Linux development environments.
- Professional experience developing in IntelliJ with Claude 4/4.5, VS Code with Cline and OpenAI and MCP server agent development.

## WORK EXPERIENCE

### Software Development Engineer 3 (L6) — July 2015 – April 2026

**Amazon Middle Mile Transportation** – Internal scheduling for tracking and placing truck loads between facilities at Amazon. Support in NA, EU, FE, and CN.

- Owned the redesign and re-architecture of a legacy scheduling platform, rebuilding the system from scratch into 5 production services aligned with Amazon service standards. Scheduled several 100K lanes in multiple regions on a weekly basis.
- Designed and implemented multi-system, multi-data-source ingestion pipelines, enabling future extensibility for multiple downstream teams.
- Built and maintained real-time forecasting models integrated with live scheduling systems, supporting daily operational decision-making at scale.
- Led operational excellence (OE) initiatives for the Forecasting team for one year, driving major reliability and support improvements. Saved over 10 million in 1 year.
- Reduced on-call ticket volume from 100+ to 17 through system optimizations, automation, and root-cause fixes.
- Served as a top on-call responder for sev 2 systems, frequently leading incident resolution and post-incident debriefs.
- Successfully transitioned between two organizations within the Transportation org (Scheduling – 3 years, Forecasting – 2 years), delivering impact in both domains.

**Amazon Campus (1 year)** – A new type of Amazon retail location which allowed college students to purchase all class materials, purchase necessities, have packages delivered and get returns.

- Developed new instant fulfillment orders system. This system allowed users to purchase items in campus stores and have them instantly delivered to them within the Fetch campus stores. Did all the backend work for tracking each stage of package orders.
- Wrote geolocation UI workflow for Android and iOS for allowing users to automatically check-in within the geolocation fence for pickups.

**Amazon Video Direct (1.5 years)** – allows creators to upload their own videos for tens of millions of members of Amazon Prime Video service to watch.

- Implemented Java based backend payment calculating system for video providers.
- Developed full migration plan and UI system for migrating new clients to new video vendor platform.

## **Software Development Engineer 1 — July 2011 – July 2015**

### **Microsoft on Internet Explorer**

- Designed, built and maintained several features in C++ with COM focusing mostly on input controls.
- Shipped Windows 8, 8.1 and 10 with IE10, IE11, and IE12.

## **Internship — June 2009 to August 2010**

General Dynamics – Phoenix, Arizona

## **Internship — June 2008 to August 2008**

Sabre – Krakow, Poland

## **EDUCATION**

### **Southern Methodist University – Dallas, TX**

Masters of Science in Computer Engineering w/ Networks concentration

Graduated May 2011

### **Southern Methodist University – Dallas, TX**

Bachelor of Science in Computer Engineering

Bachelor of Science in Math

GPA 3.84 – magna cum laude

Graduated May 2010

REFERENCES: Available upon request