

Peter Ashley

PeterAshleyCareer@gmail.com | 774-688-9037 | 33 Fort Hill Road, Sandwich, MA 02537

[Linked in profile](#) | [Personal website](#)

Manager / Director Software Engineering

Software leader with 15 years as IC and 12 years in mgmt. 2 successful startups. [19 patents](#). Student of Effective Leadership. AWS arch cert. Built multiple overseas teams. [Prompt engineer](#). Delivered new XDR ML analytics data pipeline processing 300 billion logs daily with Kafka, Spark, S3 and Hadoop. Worked directly on cybersecurity products including PAM, XDR ML analytics, AV, anti-spam and network devices. Customer support expert. Created SRE team stabilizing data center. BSEE + MBA.

Areas of Expertise

High [EQ](#) Leadership | Data Driven Hiring | Big Data | Cybersecurity | Remote Teams | Machine Learning ML System Design | Analytics | Gen AI LLM | Product Strategy | High Availability SRE | Software Lifecycle SDLC Data Science | Full Stack SaaS | Mentorship | Innovation | Agile Scrum | Public Cloud | DevOps

Technical Specialties

Languages: Java, C++, C# .NET, Python, Javascript/DOM, Jupiter, Fast.ai, Scikit, Spark, Flink, Go

Database: AWS S3, SQL, Dynamo, Postgres, Cassandra noSql. Elastic Search, Hadoop, Titan

Processing: AWS serverless, Apache Kafka, microservices, REST API, SDLC, CI/CD, TDD, Docker, Kubernetes

Work Experience

Delinea, San Francisco, CA

Feb 2024 to Feb 2025

Director Engineering

Lead and expanded dev teams enhancing and supporting [Privilege Manager](#) and [Cloud Suite](#) on-prem and SaaS products. Refined feature designs, optimized cloud operations, defined robust hiring process and resolved customer escalations.

- Released key updates such as JIT elevation to 2 product lines continuing ARR growth.
- Saved \$3 million in cloud operational expenses by redesigning peak operations, network flow, etc.
- Designed next generation of privilege access control for integrated Delinea Platform architecture.
- Hired and trained up a new 10-person offshore team.
- Held churn to less than 5% with focused engineering support for Fortune 500 customers.
- *Tech: .NET, C#, SQL Server, Postgres, C++ agents, AWS, Azure, Jira, Datadog, AD, Javascript*

Dell Secureworks, Boston, MA

Sep 2015 to Sep 2023

Director Data Engineering

Ran four squads building ingestion, parsing, Kafka analytics, search and automated response for [Taegis](#) XDR threat identification system. Teams provided 24x7 dev ops support and infrastructure as code.

- Mentored successful transition of 35+ engineers to new product team accelerating time to market
- Championed ML by building malicious Powershell machine learning classifier with Spark to detect APTs
- Introduced Flink streaming analytics enabling Tactic Graph IP used by sales as lead-in for engagements
- Prototyped ChatGPT generative AI use in creating draft analyst investigation responses
- *Tech: Go, Kafka, Spark, Flink, Athena, Elastic, Redis, GraphQL, SQS/SNS, Lambda, S3, React, node.js, Terraform*

Director Event Processing and Analytics

Led three agile teams that developed new data analytics, rules engines and dev ops for legacy data pipeline processing 300 billion logs daily from 4500 clients. Tech: Java, Kafka, Spark streaming, Hadoop

- Built big data team that used Kafka and Spark to increasing analytics data coverage from 3% to 50%
- Implemented 35 advanced analytics including impossible user travel, APT commands, DDOS prediction, DNS

tunneling, password spray and anomalous login. Found 13 active APT incidents with O365 rule analyzer

- Built a Site Reliability Engineering team stabilizing event pipeline to meet SLOs.
- Introduced capacity analysis, active/active DR testing, dynamic scaling and shadow deployments
- Systematized ML threat analysis filter that reduced analyst workload by 80%
- Reorganized into dev ops squad model using TDD, CI/CD and agile methodologies
- *Tech: Java/Spring, Kafka, Spark streaming, Python, Hadoop, Apache AMQ, Parquet, Protobuf*

Symantec, Waltham, MA
Director Engineering

Feb 2006 to Sep 2015

Endpoint Protection - Customer Response Engineering

Led **140-person team** handling quarterly releases, hotfixes and customer escalations for endpoint AV product. The team was distributed across 4 time zones supporting a billion-dollar product with millions of installations.

- Reduced “P0” support escalations from 30 to 0
- Managed board level critical situations such as a public attack by Anonymous
- Enhanced quality with beta programs, performance and persistence testing

Antispam Server - OEM Market

Built sustaining team to take over Brightmail Antispam engine used by Comcast, Hotmail, etc.

- Reversed revenue losses for \$50 million product by increasing performance 10x
- Built 25-person engineering dev and QA team
- Classified difficult “Nigerian prince” scams with ML model using n-grams and support vector machine SVM
- Established a performance monitoring lab to guarantee in-field stability of spam rules

Endpoint Protection - Federal programs

Led team upgrading encryption to meet US government FIPS requirements.

- Delivered FIPS140-2 encryption compliance in Endpoint Protection unblocking federal sales

IMlogic, Waltham, MA

Oct 2003 to Feb 2006

Technical Lead

Responsible for application development team creating an instant messaging network relay at a startup.

- Delivered product features yielding **\$80M exit, 10x revenue and 1 million seats**
- Forrester and Gartner listed IMlogic as the market leader in the messaging security market

Xevo, Marlboro, MA

Apr 2000 to Oct 2003

Principle Engineer

One of 9 Java coders at startup delivering a SaaS platform system to Telco class service providers.

- Stabilized system enabling Xevo to attract a **\$200M acquisition offer**

Infor, Newton, MA

1995 to 2000

Principle Engineer/Team Lead

Developed ERP product C++/SQL for enterprise customers (Nestle)

- Tech lead for 18-member inventory team for 3 major product releases.

Education

MBA, Masters of Business Administration, Babson F.W. Olin School of Graduate Business

Bachelors of Science Electrical Engineering, Lehigh University, College of Engineering