

## Experience

2022

Woven Teams

### **Director of Engineering**

- Expanded the Scenario Content Engineering team, allowing the team to deliver new work simulation assessments in weeks, and introduced a new form factor allowing new types of skills to be assessed.
- Developed and executed on SOC2, GDPR and CCPA roadmaps.
- Organized and led regular 1:1s with direct reports to support career goals.
- Collaborated with sales and marketing organizations to build public collateral on benefits of the product and platform.

August 2017 – April 2022      PacketFabric

### **Vice President of Software Engineering**

- Grew leadership within software engineering team to support global team of engineers and managers. Led this team of directors and managers through Series A and B, while expanding team's global footprint. Improved efficiency and performance by integrating a new engineering team into existing team after acquisition.
- Expanded team to span major global time zones and multiple sub-teams.
- Grew team from a single "does it all" team, to five specialized teams allowing the department to better focus on specific company goals, product releases and improve release velocity.
- Held regular 1:1s with each direct and indirect report to support their career goals.
- Increased onboarding efficiency of engineering organizations, enabling the process to be replicated to other areas of the company. This enabled the entire organization to scale up at the same speed that the Product Engineering organization did.
- Built department OKRs around company objectives.
- Delivered new Cloud Router, Cloud Connections (AWS, GCP, Azure, IBM, Oracle), 3<sup>rd</sup> Party Marketplace, in house billing software, Integration with Colt network in Europe, a reseller white label solution and integrated a whole development team and product after an acquisition.
- Improved system performance and stability by implementing process and system improvements through coordination among customers and development team.
- Liaison between large end customers and PacketFabric development team to determine their requirements for integrating into PacketFabric market place.
- Liaison between Product and development side of Packet Fabric to determine new features, priority of features and training on new features when they were rolled out.

August 2011-July 2017      Caterpillar - Power Systems Division

### **Application Developer / Lead**

- Led creation and implementation of global warranty return application
  - Increased amount recovered from suppliers by \$75M period of five years
  - Augmented engineering efficiency through usability testing and process improvements resulting in triple the number of parts processed while utilizing less engineering resources.
  - Developed strategy for global deployment of system across multiple divisions. Application is now in use on multiple continents and across multiple divisions
- Architected, developed and implemented failure prediction application
  - Developed process to ingest, secure and analyze terabytes of sensor data per day from machines in the field
  - Worked with external vendor and internal customers to securely store data while allowing engineers access to the data so that they could perform their own analysis of engine performance

February 2011–June 2012      White Square Media

### **Head of Technology Development and Project Manager**

- Lead a global development team to produce a video overlay for advertising products within a video. Set release schedule and product build out priorities for the development team.
- Hired team of global developers to support both front and back-end development of White Square Media's application.
- Provided 24/7 technical support to start up founder during initial roll out and marketing of White Square Media's video advertising system.
- Developed White Square Media's video and product tagging back end. This back end continued to be used when the company relaunched in 2014.

June 2007–August 2011      Caterpillar Logistics Services

## **IT Analyst / Team Lead**

- System owner of a Transportation Order Management Application that handles 800 million dollars of freight a year.
- Supported, as a team leader, CAT Logistics Transportation Management re-architecture. This project led to a reduction of transit times by 10 percent. In addition, this change provided improved billing accuracy and compliance. It has saved millions of dollars in freight spend, annually since 2008.
- IT system owner of warranty return process. This process was built to optimize transportation from global dealer locations to inspection facilities for warranty processing.
- Managed team of consultants tasked with developing Transportation Application. This system was delivered on time and budget and saved the company approximately \$40M in the first year of operation.

January 2004–May 2007      NIU Residential Technology

## **Helpdesk Manager**

- Supervised and managed 20 employees that were responsible for ensuring network connectivity to 5,000 on-campus students and 100 staff members.
- Implemented policy changes and training to increase average computer repair time by nearly 50%.
- Provided third level technical support to university staff and students.
- Hired approximately 8 new technicians per school year.
- Ensured customer satisfaction with continued training of current employees.

## **Education**

August 2008-May 2013      Iowa State University

- Major: Master of Engineering in Information Assurance.
- GPA: 3.63

August 2003-May 2007      Northern Illinois University

- Major: Bachelor of Science in Computer Science.
- Minor: Psychology.
- GPA: 3.43 (with Honors)