Andrew Wegner

[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

Director of Engineering with 15+ years of experience leading high-performing engineering teams in designing, developing, and deploying complex software solutions. Proven track record of driving technical excellence, fostering innovation, and delivering scalable and reliable products in fast-paced environments. Skilled in strategic planning, resource allocation, and project management, with a strong focus on optimizing engineering processes, enhancing productivity, and ensuring timely delivery of projects. Strong leader, successful in mentoring and inspiring teams, collaborating cross-functionally with stakeholders, and aligning engineering initiatives with company goals and industry best practices.

Core Competencies

Technical Leadership | Start-Up Operations | Roadmap Building | Software Engineering
Resource Allocation | Mentoring & Coaching | Quality Assurance | Communication
System Architecture | Product Development | Continuous Improvement & Deployment (CI/CD)

Professional Experience

FleetOps | Remote
Director of Engineering

- Negotiate contracts and maintain key technology partnerships, resulting in 15% savings in operational costs in a year
- Recruited QA engineering team, resulting in a 50% reduction in production issues within the first 6 months
- Designed system architecture for reusable integrations between carriers, brokers, and FleetOps, thus allowing route optimization and reducing run time from half a day to under 30 minutes
- Deployed a custom trained LLM, using Python and LangChain, to answer freight industry questions utilizing company created and curated resources

Woven | Remote
Director of Engineering

- Built and executed SOC2 and GDPR implementation roadmap, completing set requirements within 3 months through strategic planning and project management
- Recruited and onboarded 3 new hires for Scenario Content Engineering team, reducing turnaround time for new candidate assessment scenarios from months to weeks through collaborations with hiring customers to determine proper candidate assessments and validating scenarios across a variety of industries
- Delivered effective presentations to showcase the value of Woven software to hiring managers, securing lucrative revenue and long term contracts

PacketFabric | Remote
Vice President of Software Engineering

- Built and directed a 40+member global development team through Series A and B funding rounds
- Designed software roadmap for short and long term business goals to deliver products to market including a cloud router and marketplace integrations
- Grew team 5x in 18 months, retaining engineers through a merger, and expanding team presence to cover additional international time zones
- Improved system performance by monitoring processing time, identifying bottleneck areas, and validating system changes for a fully asynchronous provisioning pipeline, leading to a 50% decrease in provisioning time across multiple product lines

Caterpillar | Peoria, IL
Application Developer / Lead
- Independently built and maintained a global warranty return application, recovering $75M in 5 years
- Designed and implemented a system to improve engineering efficiency during part failure analysis, tripling the number of parts processed in 9 months
- Developed a robust daily process for analyzing terabytes of sensor data to prevent major failures on equipment in the field

White Square Media | Remote
Head of Technology Department
- Recruited and directed 5-member global development team in creating a video overlay for digital marketing and advertising products
- Engineered and deployed a sophisticated video and product tagging backend feature, enhancing platform functionality and leading to a patent application

Additional Experience

Caterpillar Logistics Services | Morton, IL
IT Analyst / Team Lead
- Re-architected CAT Logistics transportation management system, reducing transit times by 10% within 18 months
- Oversaw a team of 4 external consultants in development of transportation application, saving company $40M in transportation costs in 12 months

Technical Skills

Python, Pandas, SQL, Oracle, MySQL, Postgres, Redis, AWS, GCP, Azure, GitHub, GitLab, Jira, BitBucket

Education

Master of Engineering in Information Assurance, Iowa State University
Bachelor of Science in Computer Science Minor in Psychology (Honors), Northern Illinois University