

Founder & Chief Technology Officer (CTO)

About Peritus

Peritus is a funded startup created at The Hive in Palo Alto, CA that delivers artificial intelligence based virtual support expert systems for data center service fulfillment and incident resolution. Peritus significantly enhances operational efficiencies of existing support services, and enables managed service providers & system vendors to offer new business continuity entitlements. Peritus assists & automates a wide spectrum of decisions in system support including incident classification, routing, contract coverage, incident resolution recipes and orchestration of incident management between subject matter experts (SMEs).

Peritus' unique vectorization of system log data drives predictive modeling with highly granular feature extraction for early detection of system events. The platform's advanced natural language processing (NLP) capabilities drive Peritus' incident modeling and predictive capabilities. The core service fulfillment engine uses a combination of supervised and unsupervised methods to predict incident features from system log data. Peritus delivers automated orchestration of incident resolution through its close integration with existing incident management platforms.

About the role

This Chief Technology Officer executive position is accountable for Peritus' technology vision, engineering execution, innovation and evangelism. In addition, the CTO will provide thought and technical leadership on innovative concepts and technologies driven by customer needs, industry trends and organizational requirements. The successful candidate will drive internal architectural decisions and product development execution along with external collaboration with partners, industry bodies and developer communities. The person in this position will drive product innovation and maturity through deep understanding of machine learning, distributed systems, system fault modeling and system causality prediction. The ideal CTO candidate will have significant technology and operational experience in defining supportability solutions and services for software systems, data center appliances, and enterprise and cloud datacenters. This successful candidate will work closely with Peritus' engineering and product management teams.

Responsibilities

As the technology leader of a fast-growing early stage startup, the CTO will be accountable for Peritus' technology innovation:

- Lead the development and continuance of Peritus' artificial intelligence workflows including model training, selection and serving by collaborating closely with the data science team
- Deliver Peritus' service assurance across all components of the deployment including SaaS, hosted services and edge gateways deployed within partner/system sites
- Own Peritus' end-to-end data assurance involving feature coverage aspects of data science, security, partner trade-secret protection and availability.
- Define and help drive the execution of the technical vision. Evaluate and assess market trends to identify growth opportunities
- Drive and develop Peritus' technology roadmap including product architecture, development and creation of new intellectual property (IP) and patents
- Evangelize, influence, and partner with key stakeholders including product partners, developer communities and industry consortia
- Collaborate with customers and partners through the product deployment lifecycle all the way from POCs & product pilots to amplify the relevance of Peritus' innovative approach
- Be a thought leader, and credible speaker at conferences, developer summits, and partner summits.

About you

The successful executive would have a proven track record of commitment to results, and creating disruptive technology innovations and influencing communities of developers & users:

- You are a practical visionary with a strong background of technology innovation in applications of data science within complex systems
- Exceptional and substantial expertise in log processing, machine learning, natural language

processing and deep learning. Desirable experience in Graph Theory, Knowledge Extraction, Data Mining

- Experience with service and support of data center systems
- Ability to attract new talent and participate in hiring and retaining talent for the technical team
- Prior experience of raising capital and deep entrepreneurial spirit.
- 10+ years of experience in technical leadership with proven product execution
- Outstanding community collaboration track-record in open-source or industrial forums
- Proven experience writing technical white papers, blogs, journal articles, etc.
- Architectural background, you not only know how to build things and love to build them, but also enjoy talking with others about how it is built and why.
- Represent the company at industry events and shows to reinforce the company's presence and voice with partners.

Please send your resume to jobs@peritus.ai.