**Chief Technology Officer (CTO) – NetSky**

NetSky is actively seeking a visionary and highly experienced **Chief Technology Officer (CTO)** to spearhead our technological innovation and strategic direction. This critical, full-time leadership position is based at our dynamic headquarters in Miami, Florida. The CTO will be instrumental in propelling our innovation across cutting-edge AI/LLM platforms, sophisticated Retrieval-Augmented Generation (RAG) systems, and a culture of DevOps excellence. A key responsibility will be to strategically guide our startup-focused scaling initiatives, ensuring that all our platforms remain robustly secure, highly resilient, and impeccably aligned with our overarching business goals and objectives.

**Responsibilities**
As CTO, you will be tasked with a comprehensive set of responsibilities that are vital to NetSky's technological advancement and market leadership:

1. **Strategic Technology Leadership:** Define, articulate, and meticulously execute the company's technology strategy and roadmap. This will involve a strong, unwavering focus on leveraging the latest advancements in AI, LLM, and RAG-powered solutions to create truly transformative products and services.

2. **Team Leadership and Development:** Lead, inspire, and mentor a high-performing and diverse team of engineers and developers. Your role will be to foster a culture of continuous learning and expertise development in modern architectural patterns, agile methodologies, and best-in-class software engineering practices.

3. **Product Development and Scalability:** Oversee the entire lifecycle of development, seamless deployment, and ongoing maintenance for all NetSky products and platforms. A critical aspect of this responsibility is ensuring inherent scalability, capable of adapting from a nimble startup environment to robust enterprise-level demands.

4. **DevOps Excellence:** Architect, build, and continuously refine robust and automated DevOps pipelines. These pipelines will be essential for supporting rapid feature delivery, enabling continuous integration and continuous deployment (CI/CD), and driving a culture of operational efficiency and reliability.

5. **Infrastructure Security and Stability:** Guarantee the security, stability, high availability, and scalability of our entire technology infrastructure. This encompasses managing both cloud-native and hybrid environments, adhering to the highest standards of cybersecurity and operational resilience.

6. **Technological Innovation and Adoption:** Proactively evaluate, champion, and strategically implement new and emerging technologies, with a particular emphasis on advancements in artificial intelligence and natural language processing. The aim is to consistently enhance our competitive advantage and drive disruptive innovation.

7. **Cross-Functional Collaboration:** Cultivate strong, collaborative relationships with various cross-functional teams, including product management, sales, marketing, and operations. This ensures that technology initiatives are seamlessly aligned with strategic business objectives and market demands.

8. **Budget and Resource Management:** Effectively manage the technology budget and allocate resources judiciously. This includes optimizing investments for sustained growth, maximizing efficiency, and ensuring a strong return on technology expenditures.

9. **Culture of Innovation:** Foster a vibrant culture of innovation, open collaboration, and technical excellence within the technology department. This involves encouraging experimentation, knowledge sharing, and a relentless pursuit of cutting-edge solutions.

**Qualifications**

To excel in this pivotal role, the ideal candidate will possess a distinguished set of qualifications and experiences:

- **Educational Background:** A Bachelor's degree in Computer Science, Engineering, or a closely related technical field is required. A Master's degree in a relevant discipline is strongly preferred, demonstrating a commitment to advanced technical knowledge.

- **Leadership Experience:** Proven, extensive experience as a CTO or a similar senior technology leadership position, particularly within dynamic, technology-driven, and fast-paced startup environments.

- **AI/LLM Expertise:** Deep and demonstrable expertise in the fields of Artificial Intelligence (AI), Large Language Models (LLMs), Retrieval-Augmented Generation (RAG), and practical, applied machine learning. This includes a strong understanding of their architectural principles, deployment, and optimization.

- **DevOps and Cloud Proficiency:** Profound knowledge and hands-on experience with DevOps methodologies, extensive experience with cloud computing platforms (e.g.,

AWS, Azure, GCP), and a comprehensive understanding of cybersecurity best practices to protect sensitive data and systems.

- **Team Leadership and Diversity:** Proven success in leading diverse and geographically distributed technology teams. Experience with multilingual collaboration, particularly with Ukrainian language speakers, is considered a significant advantage.

- **Communication and Strategic Acumen:** Exceptional leadership, communication, and interpersonal skills. The ability to articulate complex technical concepts into clear, concise, and compelling business strategies for both technical and non-technical stakeholders is paramount.

- **Product Delivery and Scaling:** A track record of demonstrated success in scaling high-performing technology teams and consistently delivering innovative, market-leading products from concept to launch.

- **Methodology Familiarity:** Strong familiarity with agile and lean startup methodologies, with a practical understanding of how to implement and adapt them to drive efficient and effective product development.

## Location

This is a full-time, in-person position, integral to our leadership team. The Chief Technology Officer will be based at NetSky's vibrant headquarters located in Miami, Florida, fostering close collaboration and direct engagement with key stakeholders and teams.