Application: 6361

Krishna Chaitanya Sunkara

Page: General Information

Provide information about the company to be considered for the award. If you will be nominating an individual, specify the nominee's employer.

Name of Organization/Company

Oracle Corporation

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Additional Contacts

I do not wish to list additional contacts

Page: Entry Information

Entry Title

Krishna Chaitanya Sunkara

Category

Q11e. Employee of the Year - Information Technology - Hardware/Peripherals

Employee Nominee Submission Format

Written Answers

a. Briefly describe the nominated non-executive person's employer: the organization's history and past performance (up to 200 words). Required

Oracle is a cloud technology company that provides organizations around the world with computing infrastructure and software to help them innovate, unlock efficiencies and become more effective. Oracle also created the world's first and only autonomous database to help organize and secure our customers' data.

Oracle Cloud Infrastructure (OCI) offers higher performance, security, and cost savings. It is designed so businesses can move workloads easily from on-premises systems to the cloud, and between cloud and on-premises and other clouds. Oracle Cloud applications provide business leaders with modern applications that help them innovate, attain sustainable growth, and become more resilient. ███████████████████████████

The work Oracle does is not only transforming the world of business, it's helping defend governments, and advance scientific and medical research. From nonprofits to companies of all sizes, millions of people use Oracle's tools to streamline supply chains, make HR more human, quickly pivot to a new financial plan, and connect data and people around the world.

SEC filings, and financial information (NYSE:ORCL): https://investor.oracle.com/home

Website: http://www.oracle.com

LinkedIn: https://www.linkedin.com/company/oracle

b. Outline the nominated non-executive employee's achievements since the beginning of 2023 that you wish to bring to the judges' attention (up to 250 words). Required

Krish (Krishna Sunkara) spearheaded Oracle's AI-driven data center automation, reducing deployment time from ▮ ▮▮▮▮▮ to ▮▮▮▮▮▮▮ a 3x acceleration, unlocking $▮▮▮▮▮▮n revenue, and enabling the Stargate Project (N ▮▮▮▮ ▮▮▮▮▮ AI Initiative).

Breakthrough Innovations:

-Hyperscale Data Center Acceleration: AI-driven deployment of ▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮wered AI racks, cutting configuration time by 67%.

-AI-Powered Infrastructure Design: Automated power distribution and rack allocation (pending patent), reducing design time by 87% (6 months to 3 weeks).

-Computer-Vision-Based Rack Patch Panel Automation (pending patent): Reduced network provisioning time from 48 hours to 30 minutes, achieving ▮▮▮▮% improvement in SLA compliance. (The racks panels were patched manually by tracking on ▮▮▮▮▮▮▮before which took 4▮▮▮▮▮▮o provision a single data hall with 4 ▮▮cks). This enabled building project ▮▮▮▮▮ (▮▮▮▮▮nitiative) to accelerate data center build process.

Business & Industry Impact:

-Revenue & Competitive Edge: Enabled Oracle to capture AI cloud revenue 6 months earlier, directly impacting its ▮▮▮ investment in AI infrastructure.

-Scalability & Cost Efficiency: Standardized AI-driven 40-60MW data center design, accelerating global rollout.

-Energy & Sustainability: Optimized AI cooling efficiency, reducing power costs by ▮▮.

Leadership & Influence:

-Keynote Speaker at several International conferences and AI data center automation thought leader.

-OCI Cloud Expansion Lead, influencing Oracle's ▮▮▮▮ I roadmap.

-Designed a unique approach to solve data governance and assurance through automation of network packet monitoring (Zero Trust Network Packets)

-Tech Judge & Mentor, promoting STEM innovation

By leading AI-driven automation, Krish have redefined hyperscale AI infrastructure, setting new global industry standards.

c. Explain why the achievements you have highlighted are unique or significant. If possible compare the achievements to the performance of other employees or to other workers in your industry and/or to the nominee's past performance (up to 250 words). Required

Krish's achievements stand apart in both scale and impact within the AI infrastructure domain. While hyperscale (High Performance Computing - HPC)data center deployment typically takes 9–12 months across the industry, Krishna architected an AI-driven automation framework at Oracle that compresses this timeline to just ▮▮▮▮▮▮▮ unprecedented 67% acceleration. This breakthrough enabled Oracle to capture ▮▮▮ daily revenue months ahead of schedule, a transformation that directly empowered the ▮▮▮▮▮riority ▮▮▮▮▮roject.

Reference: https://techcrunch.com/2025/01/21/openai-teams-up-with-softbank-and-oracle-on-50b-data-center-project

Where ▮▮▮▮▮▮still depend on ▮▮▮▮provisioning, Krishna pioneered a computer-vision-based patch panel automation system (patent pending), slashing network reconfiguration from 48 hours to 30 minutes—a 98.96% improvement. This leap brought software-defined networking agility to physical infrastructure, redefining uptime expectations in the hyperscale cloud industry.

Reference: https://www.oracle.com/ai-infrastructure

Even compared to his own illustrious past, where he earned accolades such as the Global Gaming Award and led search engineering at Citrix, Krish's Oracle impact is unmatched. His AI Data Center automation work saved $5.8M in just 3 months, and he scaled OCI security infrastructure from ▮▮ PS to ▮▮ PS at ▮▮▮▮roughput .
Reference: https://robustcloud.com/oracle-unveils-oci-strategy

Furthermore, his leadership helped inspire Oracle's Zero Trust Packet Routing initiative and guided KPIs on a ▮▮▮▮ expansion roadmap.

Reference: https://blogs.oracle.com/cloud-infrastructure/post/now-ga-largest-ai-supercomputer-oci-nvidia-h200

d. Reference any attachments of supporting materials throughout this nomination and how they provide evidence of the claims you have made in this nomination (up to 250 words). Optional

████████ AI Supercluster Enablement: Krishna's work directly supported the █████roject
██

███████ AI infrastructure initiative. https://www.investors.com/news/ ██████████████████
██████ He invented (patent-pending) computer based algorithm and racks interconnection technology (USPTO# 18/613,383) that reduced network reconfiguration from 48 hours to 30 minutes, improving SLA compliance by 98.96%.

Stargate Project Acceleration: Krish invented technology "Optimal Auto Rack Deployment Design in a Data Center: (USPTO 19/175,789 - pending) which cut data center planning cycles from 6 months to 3 weeks.

AI Data Center Efficiency Research: Krish's research publication, "Power Consumption and Heat Dissipation in AI Data Centers: A Comparative Analysis," provides a quantitative assessment of energy consumption in AI data centers. This study emphasizes the need for advanced cooling strategies, sustainability, and efficient power usage, aligning with Oracle's goals for sustainable AI infrastructure

https://philpapers.org/rec/KRIPCA

AI GPU Racks Interconnection Protocols: Krish invented a unified protocol to manage physical networking and control data center devices, enabling seamless orchestration of build and operational phases. This protocol was published in prestigious "Open Science Foundation". https://scholar.google.com/citations?view_op=view_citation&hl=en&user=3r1sLxYAAAAJ&citation_for_view=3r1sLxYAAAAJ:eQOLeE2rZwMC

Oracle's AI-Driven Growth: Oracle's fiscal reports indicate a significant surge in cloud infrastructure revenue, driven by record-level AI demand. The company's cloud infrastructure unit experienced a 52% revenue increase in Q2, attributed to the growing adoption of AI workloads.
https://www.oracle.com/emea/news/announcement/q2fy25-earnings-release-2024-12-09/

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Supporting Document

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