

Srinivas R. Gottimukkala

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

Deere & Company

[REDACTED]
[REDACTED]

Additional Contacts

I do not wish to list additional contacts

Page: Entry Information

Entry Title

Srinivas R. Gottimukkala

Category

E11. Employee of the Year - Artificial Intelligence

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

Founded in 1837 by [REDACTED] evolved from a blacksmith shop into a global leader in agricultural, construction, and forestry equipment. Headquartered in [REDACTED] Illinois, it reported \$51.716 billion in revenue for fiscal 2024, despite a 16% decline, with net income of \$7.1 billion. The company operates over 2,600 dealerships worldwide, serving millions of customers across 160+ countries. Since the 1980s, [REDACTED] embraced technology, integrating AI, IoT, and data analytics for precision agriculture. Acquisitions like [REDACTED] bolstered AI-driven solutions like the "See and Spray" system, reducing herbicide use by 80–90%.

Since 2014, Srinivas Gottimukkala, an AI researcher at [REDACTED] spearheaded AI-powered digital transformation. His research, published in international conferences, and implementation of AI/ML models optimized financial processes, saving person-hours and driving a \$2.5 billion impact. Under his leadership, the initiative scaled from a prototype to a global model, enhancing revenue and operational efficiency through data-driven decision-making, ensuring [REDACTED] competitive edge in the market.

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

With over 25 years of IT experience across industries like manufacturing, pharmaceuticals, and agriculture, Srinivas R. Gottimukkala has driven transformative initiatives at [REDACTED]. Since January 2023, he spearheaded the Digital Transformation initiative, revolutionizing financial governance through AI-powered anomaly detection in SAP FICO.

Leading cross-functional teams across [REDACTED] global regions, Srinivas built a sustainable product roadmap in the dealer transfers and transitions, delivering a \$2.5 billion impact by optimizing financial processes and enhancing [REDACTED].

His Artificial Intelligence model, transformer-based Variational Autoencoder (VAE), integrated with SAP's Business Technology Platform, achieved 93% accuracy in detecting 2,790 of 3,000 anomalies in a 100,000-transaction dataset, reducing errors by 40% compared to rule-based systems. This AI model saved \$400,000 annually in audit costs by cutting preparation time by 50%, streamlining compliance with IFRS 15 and GDPR. Additionally, a random forest baseline model, deployed as a comparative tool, achieved 88% accuracy, contributing to operational efficiency by identifying 2,640 anomalies, further saving \$200,000 in manual review costs.

Srinivas's leadership ensured scalability, processing 100,000 records in 30 minutes versus 10 hours for traditional methods, enhancing real-time decision-making. His ability to navigate multilingual data challenges and deliver explainable AI through visualizations like heatmaps solidified audit transparency. This initiative, scaled from a prototype to a global model, underscores Srinivas's vision, blending technical innovation with business transformation, positioning [REDACTED] a leader in intelligent financial oversight.

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

Srinivas R. Gottimukkala's achievements at [REDACTED] are uniquely significant, distinguishing him from peers and industry counterparts. While many colleagues focus solely on routine tasks or academic research, Srinivas uniquely bridges research and practical application, delivering a \$2.5 billion impact through his AI-driven Digital Transformation initiative since January 2023. [REDACTED]

His transformer-based Variational Autoencoder (VAE) model, achieving 93% anomaly detection accuracy in SAP FICO, outperforms traditional models like rule-based systems (75%) and random forests (88%), offering unparalleled temporal pattern recognition and GDPR-compliant synthetic data generation. His achievement also won him International Achievers' Award 2025 (link attached).

This model's global scalability across [REDACTED] operations, processing 100,000 records in 30 minutes versus 10 hours for legacy methods, sets a new industry benchmark, surpassing typical ERP automation efforts.

The rapid adoption of his Artificial Intelligence initiative, scaling from prototype to global deployment, underscores its transformative impact, dwarfing incremental improvements seen in typical financial process optimizations. Compared to his past roles at IBM and Honeywell, where he led impactful SAP implementations, this achievement marks a leap in scale and innovation. As a judge for IEEE, Springer conferences, International Stevie Awards, and Globbee Awards in AI/ML, and author of 13 international conference papers, Srinivas's influence extends globally. His unique blend of practical innovation, scholarly contributions, and industry leadership positions him as an unparalleled leader in AI, not only at [REDACTED] but worldwide, redefining financial governance through intelligent automation.

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

My LinkedIn profile with all my AI related achievements:

www.linkedin.com/in/srinivas-raju-gottimukkala-90963837

My google scholar profile with papers and citations:

<https://scholar.google.com/citations?user=tjAo97cAAAAJ&hl=en>

AI paper publications on research gate:

https://www.researchgate.net/profile/Srinivas-Raju-Gottimukkala?ev=hdr_xprf

IEEE International Conference Presentation of my paper on AI innovation:

https://www.linkedin.com/posts/activity-7301390913237393408-5oBm?utm_source=share&utm_medium=member_desktop&rcm=ACoAAAe_JhkB1QCA73YjWy3GoyrnxLfmMI8XjHM

SPRINGER International Conference at New York, 2025, 5 papers presented on Artificial Intelligence:

https://www.linkedin.com/posts/activity-7332797360017760258-aepM?utm_source=share&utm_medium=member_desktop&rcm=ACoAAAe_JhkB1QCA73YjWy3GoyrnxLfmMI8XjHM

https://www.linkedin.com/posts/activity-7332817126866505728-ZNM7?utm_source=share&utm_medium=member_desktop&rcm=ACoAAAe_JhkB1QCA73YjWy3GoyrnxLfmMI8XjHM

https://www.linkedin.com/posts/activity-7332817326955798529-r5Ba?utm_source=share&utm_medium=member_desktop&rcm=ACoAAAe_JhkB1QCA73YjWy3GoyrnxLfmMI8XjHM

https://www.linkedin.com/posts/activity-7335455543597125633-0gyn?utm_source=share&utm_medium=member_desktop&rcm=ACoAAAe_JhkB1QCA73YjWy3GoyrnxLfmMI8XjHM

https://www.linkedin.com/posts/activity-7335455925299793921-rnok?utm_source=share&utm_medium=member_desktop&rcm=ACoAAAe_JhkB1QCA73YjWy3GoyrnxLfmMI8XjHM

International Achievers' Award:

https://www.linkedin.com/posts/activity-7334611864393273344-f63e?utm_source=share&utm_medium=member_desktop&rcm=ACoAAAe_JhkB1QCA73YjWy3GoyrnxLfmMI8XjHM

Globbee Awards Judging:

https://www.linkedin.com/posts/activity-7333661740527755264-oMsc?utm_source=share&utm_medium=member_desktop&rcm=ACoAAAe_JhkB1QCA73YjWy3GoyrnxLfmMI8XjHM

https://www.linkedin.com/posts/activity-7322716017577594880-M5H0?utm_source=share&utm_medium=member_desktop&rcm=ACoAAAe_JhkB1QCA73YjWy3GoyrnxLfmMI8XjHM

[REDACTED]

[REDACTED FOR PUBLICATION]

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Would you like to add an additional webpage link?

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[REDACTED]

[REDACTED]

Would you like to add an additional supporting document?

Yes

Supporting Document 3

No File Uploaded

Would you like to add an additional supporting document?

No

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