

Application: 4642

Damodar Selvam - Digital Identity Solutions Testing Expert

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

Equifax Inc

Additional Contacts

I would also like to have others receive emails about the disposition of our entries.

Page: Entry Information

Entry Title

Damodar Selvam - Digital Identity Solutions Testing Expert

Category

Q09. Lifetime Achievement Award - Information Technology

Lifetime Achievement Submission Format

Written Answers

a. Provide a short biography of the nominated person (up to 200 words). Required

I am a digital identity solutions testing expert with over 12,000 hours dedicated to mastering identity verification systems. With close to 14 years of experience in the IT sector, I specialize in implementing and testing robust digital identity frameworks that enhance user authentication and data protection.

I excel in functional, integration, and performance testing tailored for digital identity applications. My technical skills encompass biometric authentication systems, multi-factor authentication setups, and identity pre-fill/verification. I have formulated test strategies that adhere to global data protection laws like CCPA, significantly reducing vulnerabilities and ensuring system integrity, availability and reliability.

Key Highlights:

Quality Assurance for Identity Platform: I spearheaded end-to-end testing for a platform serving 100K+ daily transactions Globally, improving reliability and user satisfaction.

Automated Testing Tools Development: I designed tools that cut testing cycle time by 80%, accelerating product updates without compromising quality or security.

Cross-Functional Team Leadership: I have managed diverse teams to foster innovation and continuous improvement in identity solutions.

Industry Standards Contributions: Advocate for scalable, secure digital identity verification technologies.

I am passionate about leveraging technology to solve complex identity verification challenges, aiming to drive significant advancements in identity management practices, enhancing user experience and security.

b. Outline the nominated person's career of achievement. There is no eligibility window for this category, so you may cite the nominee's entire lifetime of accomplishment (up to 250 words). Required

1. Played critical role in modernizing digital identity solutions on legacy platform to Microsoft cloud azure driving the objectives of auto redundancy , auto scalability , auto provisioning of resources based on load of the system and enhancing security.

2. Innovation: Pioneered testing efforts for integration of digital identity solutions to Apigee which helped achieve 99.87% reliability and service availability, and improved latency to 400 to 600%. a 337% increase in average concurrent transaction requests, and an 80%, reduction in client onboarding time from six months to one month, so far with over 200+ customers my work has saved 5*200=1000 months i.e approximately 83 years of effort in legacy solutions.

3. Cost of Friction: My work directly addresses the friction in digital transactions (i.e approximately cost of friction \$1.6 trillion annually to business) that amounts ~8+ trillion over period of 5 years for businesses who has incorporated the solutions i have worked upon.

4. Impact to business: The platforms I have worked on for authentication enhancement handles approximately 100,000+ transactions during business hours. This translates to authenticating 3.5 user every 1 second, showcasing the system's efficiency and capacity to manage high transaction volumes

5. Cost Savings through Defects: My testing skill yielded ~\$3.8 million cost saving to company by actively identifying defects in QA phase.

6. Contribution to Community : Actively Judging organizations, individuals, CEO's nominated across multiple international competitions in Cybersecurity, sharing digital identity knowledge on international journals and conferences. Journal reviewer for multiple international journals and active mentoring, volunteer and board member for non-profit organizations.

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

Firstly, my extensive experience, totaling over 12,000 hours dedicated to developing and optimizing identity verification systems, sets me apart. This level of commitment and depth of expertise is uncommon in an industry where professionals typically engage in broader IT roles. My specialization ensures a higher degree of precision and innovation in my solutions.

The scale of impact from my work is also noteworthy. Handling 100,000+ transactions daily with 90% accuracy in authentication is a benchmark that many industry professionals strive to achieve. This operational efficiency, translating to 3.5 user authenticated every 1 second, showcases a level of performance and reliability that is rarely matched.

My contributions to cost savings through automation are another standout achievement. Writing over 2.5 million lines of code to streamline processes is a significant feat, demonstrating my technical prowess and dedication to enhancing operational efficiency. This has led to an 80% reduction in testing cycle time, a figure that far exceeds typical industry improvements.

In the realm of community contributions, my involvement in judging international cybersecurity competitions, publishing research, and serving as a journal reviewer and non-profit board member highlight my commitment to advancing the field. This blend of professional excellence and community engagement is unique, as it reflects a holistic approach to leadership and knowledge sharing.

My ability to consistently deliver high-impact solutions, deep specialization, and significant contributions to industry standards and community initiatives mark me as a distinguished leader in digital identity solutions.

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

Attached documents detailing achievements which exemplify my commitment to field of digital identity. My solutions have authenticated 144 million+ users, achieving an impressive rate of one user every two seconds. This level of efficiency underscores my dedication to developing robust and reliable authentication systems. Furthermore, I have saved the equivalent of 83 years of effort for over 200 businesses through innovative solutions and process optimizations. These time savings have significantly enhanced the operational efficiency of these organizations, allowing them to focus more on their core activities and less on procedural bottlenecks.

In terms of cost savings, my efforts have resulted approximately \$3.8 million saved by identifying and addressing defects early in the development process. This proactive approach to quality assurance has not only reduced costs but also ensured higher reliability and user satisfaction for the deployed systems. My dedication to continuous improvement has been a key driver behind these achievements, contributing significantly to operational efficiency and service excellence.

The attached documents provide a detailed account of these milestones, highlighting the strategies and methodologies that have underpinned my success. They reflect my holistic approach to digital identity solutions, combining technical expertise with a relentless pursuit of excellence. These achievements not only showcase my technical skills and innovation but also my commitment to contributing to the broader field of digital identity through enhanced security, efficiency, and cost-effectiveness. I am proud of the impact my work has had and look forward to continuing to drive advancements in this critical emerging area.

Webpage Link

Would you like to add an additional webpage link?

[REDACTED FOR PUBLICATION]

Would you like to add an additional supporting document?

Yes

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