Arti Dwivedi

Pune | arti.iisc@gmail.com | +91-8884100774 | https://www.linkedin.com/in/arti-dwivedi0210/

I am a seasoned Engineering Lead with 1.5 decades of experience delivering innovative, high-quality products that drive accelerated business growth. By implementing Generative AI-based automation test strategies, I increased testing efficiency and achieved a 33% improvement in ROI.

I led the creation of an in-house cybersecurity lab, enabling the organization to conduct comprehensive penetration testing internally. This initiative streamlined product validation, reduced dependency on external vendors, and significantly accelerated time to market. By aligning the lab's capabilities with strategic quality assurance goals, potential risk management, and agile methodologies, I empowered teams to deliver secure, market-driven products, driving threefold business growth.

By driving continuous improvement and customer-centric innovations, I have consistently delivered award-winning products and helped improve the App quality from 2 to 3.7 in 2024 which accelerated revenue growth, strengthened brand loyalty, and secured a lasting competitive edge for the business

"I had the pleasure of working with Arti on several IOT/Non-IOT projects, and her attention to detail and commitment to quality is unmatched. Her guidance and insights in the field of QA are invaluable. If you're looking for a leader who understands both technology and business, I highly recommend Arti.' – Nachiket More, Senior Manager Signify India Innovation Ltd"

SKILLS

Leadership Skills: Innovation, Resource Management, KPI Development, Stakeholder Management, People Management, Test Lab Development, Revenue and Profit Growth, Technical Competency Building.

Core Technical Skills: Various Automation Framework Designs for Mobile / Web / API Testing/ IOT, well versed with Python/C, Network performance monitoring optimization, System Testing, Performance Scalability Test design, Security Testing, Gen AI Test Integration, Appium, Selenium, Cloud Testing, Zephyr, Jenkins and IOT Infrastructure Lab design, Pen Testing and Security test for Web/Mobile and infrastructure design.

Project Management Skills: Scrum Master Expertise, Product Ownership across Diverse Projects, Product Management, Project Management for NPD, and Sustaining projects through various gating systems.

EXPERIENCE

Kohler Power India Ltd.   **Pune, India**

Deputy manager   July 23- Dec 24

- Engineered a high-performance Generic automation framework for mobile, API, and firmware testing, increasing efficiency by 36% and delivering 50% ROI, addressing key business challenges and driving scalable growth.

- Established a high-tech Cybersecurity lab with various tools and software and designed a

Security framework for IOT-based smart products

- Revitalized the Kohler Konnect app, boosting its rating from 2 to 3.7 stars within a year through the strategic implementation of generative and predictive modules, enhancing user satisfaction and brand credibility.
- Led a team of 27 engineers, fostering a culture of innovation and operational excellence. Spearheaded the QA and CMMI processes, and advanced product quality through performance and Wireless Security competencies.

- Established state-of-the-art QA labs by integrating comprehensive testing capabilities, including a dedicated cybersecurity lab for IoT-based products and applications, ensuring robust security and high-quality performance standards.

- I played a key role in identifying and onboarding strategic vendors, which was crucial in accelerating product delivery timelines while maintaining high standards of quality and cost-efficiency. Through careful selection and collaboration with the right vendors, I streamlined processes, enhanced operational efficiency, and contributed to significant revenue growth for the organization.

Eaton India Innovation Centre   Pune, India

Lead Engineer   Apr-22 to July-23

- Achieved 85% automation of complex Hardware-based IOT smart Lighting products and reduced manual efforts by 98 Hours Annually, and accuracy by 85% by automating complex hardware base test cases.

- Developed and communicated clear product visions aligned with business goals, collaborating with marketing and sales, and designed the VOCs to enhance market presence and customer connections.
- As a Product Owner in a scaled agile framework, led Scrum methodologies, ensuring seamless sprint execution and backlog refinement. Collaborated with various business units to bridge gaps and implement cohesive strategies.

Signify India Innovation Centre   Pune, India

Lead Engineer in Test   Mar-20 to Apr-22

- As the Product Owner and Test Lead at Halo Home, I played a key role in transforming our brand's market position, elevating it to the second most popular lighting brand in North America.

- The sale of Residential Lighting products achieved an astounding 110% increase in sales for our top products, a milestone-driven by strategic innovation and a customer-centered approach.

- Leading the MVP and new product development processes, I accelerated the delivery of high-impact solutions that brought early insights from customers back to the team, fine-tuning our product fit with the market.

- In my Product Owner role, I steered the Agile practices that supported a responsive, collaborative environment, positioning us to consistently deliver business-driven outcomes and create sustained value for our stakeholders

I worked at Eaton, Soft DEL, Honeywell (Contract), Philips (Contract), L&T IES, and Scientech Technologies between 2006 and 2019.

EDUCATION

M.Tech (Instrumentation)

DAVV University Indore / IISC Bangalore

M. Sc. (Electronics)

DAVV University Indore

INDORE, INDIA

08/2004 to 08/2006

INDORE, INDIA

08/2002 to 08/2004

CERTIFICATIONS

- Certified Product Owner from Scrum Alliance (2024-26)
- Certified Scrum Master from Scrum Alliance (2024-2026)
- Program Management Professional (2024)
- Certified Project Management from SP Jain Global Business School (April 2023)
- Pursuing Executive leadership program from IIM, Indore (2024-25)
- Cyber Security professional from Adiroha Pvt Ltd (2020)

ADDITIONAL INFORMATION

- Honoured as Passion for Results Award, Innovation Champion Award, and Women's Excellence Award over the past four years.

- Awarded the title of "100 Most Influential Leaders" award for the year 2024 for the category "Exceptional Leader/ Motivational Speaker".

- Authored 2 books on Leadership and Spirituality which are available on Amazon.