

Ms. Priyah Darshinii Loganathan
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EXPERIENCE

Co-Founder & Product Manager

MyDompert, Remote

July 2020 – July 2023

- Owned end-to-end product lifecycle, from an idea to launch, for MyDompert, achieving 500% more active users.
- Led end-to-end product management process, including defining product requirements, prioritizing backlog items, and closely collaborating with engineering and design teams; implemented Agile methodologies resulting in a 40% improvement in on-time project delivery.
- Collaborated closely with cross functional team, fostering seamless communication and alignment, leading to a 30% reduction in project delivery time and a 25% increase in overall team productivity.
- Developed and maintained strong relationships with clients, ensuring a high level of customer satisfaction and loyalty, resulting in a 10% growth in customer referrals.
- Conducted comprehensive user research, usability testing, and data analysis, resulting in a data-driven product roadmap that increased user satisfaction by 40% and drove a 25% decrease in customer churn.
- Monitored product performance, analyzing key KPIs to identify opportunities for improvement; executed data-driven optimizations resulting in a 20% increase in user engagement and a 15% boost in conversion rates.

Project Engineer (Automation & Controls)

Stark Tech, Lancaster, NY

July 2022 – Present

- Led the controls team to implement a streamlined process to develop cost estimates and proposals for automation systems, resulting in a 25% reduction in project timeline and \$100,000 in cost savings.
- Orchestrated the design and implementation of automated systems for Renewable Natural Gas (RNG), ensuring smooth integration across departments and yielding a notable 30% boost in production efficiency.
- Spearheaded troubleshooting efforts for hardware and process issues, resolving critical production bottlenecks by 30%, resulting in increased output and revenue.
- Administered data-driven analysis of plant processes, leading to the identification and elimination of waste, resulting in a 15% reduction in material costs and improved overall operational efficiency.
- Incorporated industry best practices to design and format HMI screens and SCADA systems using P&ID, Electrical Schematics, and PLC codes, empowering users to make swift supervisory decisions, leading to a 15% increase in overall operational efficiency.

Automation & Controls Engineer

Twincor Inc.

May 2021- July 2022

- Engineered PLC programs utilizing IEC 61131 programming languages, validating industrial computer capabilities and ensuring seamless information processing; achieved a 25% reduction in errors and improved system reliability.
- Designed, configured, and deployed SCADA systems across manufacturing and industrial environments, streamlining operations and reducing downtime by an average of 20% through real-time data monitoring and predictive maintenance strategies.
- Trained end-users and maintenance personnel on new software systems, increasing overall team efficiency by 25%.

Test Engineer – Internship

SoPark Corporation, Buffalo, NY

September 2020 – May 2021

- Performed preventative and corrective procedures, conducting periodic tests and suggested changes in or replacement of equipment that fails to meet operating standards.
- Drew sketches to clarify design details and functional criteria of circuit outputs and performance.
- Analyzed and interpreted test results; adjusting and modifying parts and wiring; recording effects on unit performance.

R&D Engineer - Internship***Panasonic Industrial Devices, Malaysia (PIDMY)****September 2017 – December 2017*

- Performed weekly reliability tests such as humidity, temperature, and shelf-life tests for capacitor production.
- Monitored count of the batches of capacitors produced daily for quality control purposes.
- Collected petal form and 20+ dimensions of capacitors using a camera microscope.

EDUCATION**Bachelor's in Science, Electrical Engineering*****University at Buffalo****Graduate with Summa Cum Laude, 3.82 GPA, Highest Distinction***RELEVANT CERTIFICATION & COURSES**

- Certified Scrum Product Owner (CSPO) by Scrum Alliance
- Certified Scrum Master (CSM) by Scrum Alliance
- Search Engine Optimization by UC Davis
- Software Product Management by University of Alberta

SKILLS & PROFICIECIES

- Product strategy and roadmap development
- A/B Testing
- Agile development methodologies (Scrum, Kanban)
- Market research and competitive analysis
- User research and persona development
- Wireframing and prototyping
- Project management and collaboration tools (Jira, Trello)
- Other Software and Programming Languages: Python, SQL, VHDL, Microsoft Office, AutoCAD Electrical, Rockwell Automation Software(s)
- Languages: English, Malay, Tamil and Spanish