

Klynton Crabbe

PRODUCT MANAGER

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Open to Hybrid and Remote positions

Professional Summary

Technical Product Manager and Energy Systems Engineer (EIT) with 6+ years of experience developing grid-edge energy solutions within high-growth clean-tech environments. Specialized in the technical bridge between hardware engineering, software/firmware development and product strategy, with deep expertise in energy system modeling, software/firmware regulatory compliance (NEC/UL), and the full product lifecycle. Recently led a redesign of installer workflows that reduced commissioning time by ~50% while architecting EV integrations that drove an ~80% increase in 1st party EVC adoption.

Professional Experience

2021 – 2026

Product Manager, Savant Power, Remote

Savant Power is a clean energy technology company specializing in behind-the-meter load management and grid-edge hardware.

Primary Product Manager for all Software Energy Features. Oversaw the full product development from ideation, through development, launch, operations and support through iterative development cycles. Developed use-cases, system logic, defined product requirements and Contributed to product strategy alignment, roadmapping and regulatory compliance.

- **EV Charger Integration:** Led the end-to-end product definition and integration for OEM EV chargers, driving an ~80% increase in 1st party EVC adoption. Translated physical charger capabilities into installer friendly software workflows for real-time monitoring and user-controlled charging schedules.
- **Grid-Edge Logic & Modeling:** Developed energy budgeting and load-shedding logic in MATLAB, acting as the primary bridge between physical hardware constraints and software execution for the Savant Power System.
- **Regulatory & Firmware Compliance:** Integrated NEC and UL safety requirements into the product roadmap from the design phase, ensuring technical compliance and opening a TAM of ~25M+ homes for the smart panel product.
- **Field Deployment Optimization:** Conducted rigorous field discovery with installers to redesign commissioning workflows, resulting in a 50% reduction in deployment time and significantly higher system reliability at the point of install.
- **Cross-Functional Leadership:** Partnered with engineering and software development leads to navigate architectural trade-offs between hardware limits and software-driven energy management features.

2019 – 2021

Energy Systems Engineer (EIT), Savant Power, Remote

Used off the shelf design tools and custom developed tools to design custom energy solutions, as well as prepare and present technical proposals to potential clients.

- Distribution System Engineering & DER Modeling: Leveraged HOMER, Aurora, and built custom analytics tools to model complex energy systems and smart grid interactions. Designed bespoke solar and storage solutions optimized for homeowners energy goals.
- Sales Engineering & Business Case Development: Partnered with sales teams to drive technical sales. Built comprehensive business cases and pricing strategies, translating dense system data into compelling value propositions, sensitivity analyses, and ROI projections and presented those analysis to prospective clients.
- Field Operations & Hardware Commissioning: Collaborated with field operations and deployment teams to oversee the physical installation and commissioning of intelligent connected devices. Ensured real-world hardware implementation matched modeled engineering specifications and site constraints.

2018 – 2018

Engineering Research Assistant, University of Prince Edward Island, Charlottetown PE

Assisted in the development, building and maintenance of bespoke battery testing equipment, performed experiments and prepared reports of results.

- Hardware Testing & Problem Solving: Engineered and maintained bespoke hardware testing equipment, applying strict attention to detail to execute rigorous experimental tests and solve complex technical problems.
- Data-Driven Analysis: Conducted comprehensive data analysis and data management to support faculty research, establishing a strong foundation in data-driven and analytical engineering methodologies.
- Technical Communication: Authored detailed documentation of experimental results, honing the technical writing and presentation capabilities required to translate complex engineering data for peer and faculty review.

Skills & Technical Competencies

- Technical & Domain Expertise: Grid Edge & Distribution Engineering, Load/DER Management, Outage Management, Smart Grid IoT Integration.
- Product Strategy & Lifecycle: Full Product Lifecycle (Ideation to End-of-Life), Go-to-Market (GTM) Planning, Business Case Development, Pricing Strategy.
- Cross-Functional Leadership: Matrixed Leadership (Hardware/Software), Utility Stakeholder Engagement, Agile/Scrum Methodologies.
- Engineering Tools & Data Analysis: MATLAB, HOMER, Aurora, Data-Driven Business Strategy.
- AI workflows: experimenting with the use of LLMs in requirements analysis and workflow management

Education

2014 – 2019

B.Sc., Sustainable Design Engineering | University of Prince Edward Island, Charlottetown, PE

Certifications

2026

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