

SUNNY DEVENDRANADH KARRI

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PROFESSIONAL SUMMARY

AI Product Engineer who ships full-stack AI products, manufacturing intelligence systems, and workflow automation tools. Built GenAI products with 300+ users, reduced operational/admin work by up to 95%, and blends product strategy with hands-on Python, Go, SQL, Rust, and LLM pipeline execution

CORE SKILLS

- **AI PRODUCT:** GenAI product development, prompt pipelines, LLM evaluation, product analytics, A/B testing, user research, PRDs, roadmaps, acceptance criteria
- **Engineering:** Python, Go, Rust, SQL, JavaScript, HTML/CSS, Oracle EBS, DuckDB, Modbus TCP, AWS, OpenAI API, Claude, Perplexity, Cursor AI
- **Product & Design:** Agile/SDLC, stakeholder management, technical specifications, Jira, Figma, Linear

EXPERIENCE

POM Wonderful | AI Product Engineer

Dec 2025 - Present

- Built real-time plant intelligence pipelines with Go, Oracle EBS, and Modbus TCP, replacing overnight reporting with hourly dashboards and cutting operational feedback loops from 24 hours to under 60 minutes.
- Replaced a legacy Excel workflow with a Go TUI that automates EQC conversions, aging FIFO alerts, and cross-facility transfer logic for 16 SKUs across 2 facilities.
- Delivered a Customer Service analytics platform with Python/Reflex, Go, and DuckDB, deduplicating complex Oracle transactions and serving sub-second cycle-time, revision-rate, and pricing analytics
- Developed a Rust-native SERAC machine-telemetry system (CLI + egui desktop app) that surfaces real-time defect grids, stoppage patterns, and per-nozzle statistics from embedded controller data to the CI team.
- Built governed, timestamped data pipelines that created the foundation for anomaly detection and predictive forecasting across manufacturing operations.

ToonInDaily | Founder & AI Product Engineer

Jun 2025 - Sep 2025

- Architected and launched a GenAI web app that transforms journals into cinematic comics, scaling to 300+ users and a 5% paid conversion rate
- Engineered prompt pipelines, preview tiers, and rendering optimizations that reduced preview latency by 35% and achieved a 1.3s median time-to-interactive.
- Reduced compute cost per preview by 28%, improved rendering reliability by 70%, and maintained a 99.7% crash-free session rate through instrumentation-driven iteration.
- Deployed validation rules that reduced cropping and whitespace defects by 45% and drove an 18-point increase in completion rates.

ASCA Surgical Ambulatory | Product Manager & System Architect Intern

Jan 2025 - May 2025

- Led system design for a surgical education platform, defining data structures and application flows that supported 400+ students.
- Owned end-to-end MVP product design, translating clinical workflows into a streamlined platform that reduced manual administrative tasks by 95%.
- Synthesized 40+ user interviews with Python and Excel into engineering-ready specifications, enabling a 12-person cross-functional team to reduce development time by 20%

PeddlerNow | AI Product Manager Intern

Aug 2024 - Dec 2024

- Led AI-driven feature integration across intelligent modules and tutorials, contributing to a 35% increase in user adoption.
- Defined PRDs, onboarding analytics, and AI design flows with Visily, Tableau, Perplexity, and Python to improve handoff quality and feature delivery speed.

The Nephrology Group | Product Manager Intern (Data Engineering)

May 2024 - Aug 2024

- Built dashboard features and automated reporting pipelines that cut stakeholder reporting turnaround time by 30%.
- Used SQL and Python analysis to identify workflow trends, shaping 3 feature requirements that improved operational productivity by 15%.

Fresno State | Graphic Designer

Aug 2022 - Apr 2024

- Designed outreach materials, web banners, and Preview Day assets in Figma and Photoshop for admissions programs reaching 4,000+ prospective students and families.

EDUCATION

California State University, Fresno

Bachelor of Science, Business Administration, Computer Information Systems Option

Jan 2021 - May 2025

Fresno, CA