

# Udit Ramawat

Lead Product Manager, Archer Aviation  
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## Summary

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Senior Staff Product Leader specializing in 0-to-1 definition for frontier technologies, including AI/ML, Spatial Computing, and Urban Air Mobility. Expert in bridging complex technical architecture with intuitive user experiences to ship seamless hardware and software ecosystems. Operates as a highly technical, hands-on PM who actively leverages AI coding agents to independently build and ship full-scale web apps, and complex process automations. Brings a proven track record of orchestrating large-scale cross-functional alignment across 60+ teams to consistently deliver breakthrough platforms.

## Experience

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### Archer Aviation

Lead Product Manager

San Jose, CA

July 2025 – Present

- Spearheaded the development of the Flight Test Data Platform, reducing telemetry analysis time-to-insight by over 98% (from 36 hours to <15 mins), significantly accelerating engineering validation cycles.
- Leveraged AI to independently code and ship a full-scale web application that empowered flight test engineers to add dynamic alert definitions at scale—unlocking a critical capability that was previously unavailable to the team.
- Architected complex process automations and actively contributed to an ever-growing repository of company-wide Claude skills, scaling AI-assisted workflows across the engineering organization.
- Leading Product Intelligence initiatives for Urban Air Mobility (UAM), for network planning and predictive maintenance.

### Apple

Cupertino, CA

Staff Product Manager, Vision Products Group

Oct 2024 – July 2025

- \* Led product definition for realtime software architecture on next-gen spatial computing platforms, aligning roadmap dependencies across 60+ engineering teams to de-risk delivery.
- \* Defined roadmap for on-device machine learning and LLM optimizations, focusing on on-device performance in a thermally constrained envelope.
- \* Orchestrated cross-platform machine perception experiences, integrating novel sensor inputs to drive immersion for upcoming AR/VR products.

Senior Product Manager, AI/ML

Oct 2023 – Oct 2024

- \* Directed product strategy for Siri across Home Devices (HomePod, Apple TV), launching architectural improvements that reduced latency and improved query success rates.
- \* Architected the technical direction for Siri on unreleased hardware, unifying requirements across 30+ engineering teams to ensure Day-1 readiness.
- \* Established a new cross-functional operating model for 120+ stakeholders (Eng, Design, Marketing), reducing dependency risks and accelerating feature velocity.

Senior Product Manager, Vision Products Group

Oct 2021 – Oct 2023

- \* Defined roadmap and acquisition metrics for low-level platform capabilities on Apple Vision Pro, leading the migration of key frameworks and APIs for visionOS prior to launch.

- \* Led the overhaul of the software update mechanism for visionOS, collaborating with Engineering and Design to minimize user friction.
- \* Established novel operational processes for AppleCare and factory repairs, ensuring service readiness for a new product category.
- \* Mentored new hires and non-technical mentees on prioritization frameworks and technical architecture, fostering a culture of product excellence.

*Product Manager, Software Engineering*

*Nov 2019 – Oct 2021*

- \* Led cross-functional teams to identify and prioritize factory software requirements for Apple Silicon Macs, Magic Keyboard, and AirPods, delivering critical tools from concept to launch.
- \* Spearheaded readiness of core security infrastructure to optimize manufacturing scaling across iOS, macOS, watchOS, and visionOS product lines.
- \* Architected automated reporting pipelines to identify software blockers on factory lines, reducing triage time for critical manufacturing issues.

## **Intel**

*Product Manager, Data Protection*

Chandler, AZ

*Mar 2016 – Nov 2019*

- Delivered data protection solutions comprising data classification, DLP, and encryption for enterprise workloads.
- Led a cross-functional team of 10+ developers and system engineers, driving a 54% YoY growth in requests serviced by the encryption infrastructure.
- Released multiple versions of proprietary SDKs to evangelize automation across enterprise environments.

## **Apttus**

*Salesforce Analyst*

San Mateo, CA

*Nov 2015 – Mar 2016*

- Provided premium support to High Value Customers by debugging complex technical issues related to CPQ and CLM offerings.
- Developed troubleshooting guides and process articles to accelerate customer implementations.

## **Education**

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### **Santa Clara University**

*MS, Computer Science & Engineering*

Santa Clara, CA

### **Illinois Institute Of Technology**

*BS, Computer Science*

Chicago, IL