SAHIL SAPRA

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TECHNICAL PRODUCT MANAGER | INTEGRATION PLATFORMS & AI PRODUCTS

Technical product manager who turns customer and usage insights into platform strategy, integration roadmaps, and shipped software. Owned migration of 75 enterprise customers to TFBO Next-Gen with zero operational downtime and 104% YoY ARR growth two years running. Led a Java, Spring Boot, TypeScript, and Angular migration to reusable RESTful APIs, caching, and lazy loading, reducing data retrieval latency by 68% and eliminating system timeouts. Built a LaunchDarkly API-based JavaScript application in Cursor, increased feature release frequency by 400%, and reduced team OPEX by 7%. Founded SpecHawk, an AI-powered deploy-aware no-code agentic QA platform, and grounded its test case generator in retrieval-augmented generation over roughly 2,000 ticket-to-test conversions. Works across product strategy, technical requirements, documentation, engineering delivery, QA, and design-partner validation.

TECHNICAL PROFICIENCIES

AI & Agentic Systems: Large Language Models, Agentic Workflows, Retrieval-Augmented Generation (RAG), Dense Embeddings, Weaviate, Cursor, Claude Code, Codex, GitHub Copilot, Amazon Q Developer, Replit, Lovable, Google Stitch

Product Strategy & Roadmap: Jira, Confluence, Aha!, Agile/Scrum, Roadmap Prioritization, Gap Assessments, Acceptance Criteria, Prioritized Requirements, Specifications, Technical Writing, API Documentation

Data, Insights & Performance Monitoring: Snowflake SQL, Snowflake, Tableau, PowerBI, Product Analytics, Data Modeling, Big Data, New Relic, Observability, ETL Data Injection

SaaS Product Development Lifecycle: Agile/Scrum, Jira, Confluence, Requirements & Acceptance Criteria, Bitbucket, Git, AWS CodePipeline, LaunchDarkly, Release Automation, Feature Flags

Languages & Frameworks: TypeScript, Python, Java, Spring Boot, Angular, React, Next.js, NestJS, Node.js

Cloud & Infrastructure: AWS (ECS, Lambda, IAM, KMS, S3, VPC, API Gateway, CloudWatch, Systems Manager, Secrets Manager), Azure, Google Cloud Platform (GCP), CloudFormation, Docker, Terraform, Railway, Vercel

Languages & Frameworks: TypeScript, Python, Java, Spring Boot, Angular, React, Next.js, NestJS, Node.js

AREAS OF EXPERTISE

- AI Product Strategy & Vision
- Agentic Systems & AI Workflows
- Integration Platform Strategy
- Product Analytics & Data Analysis
- Gap Assessment & Feature Parity
- Customer Discovery & Validation
- Cross-Functional Product Delivery
- Technical Solution Design
- API & Platform Design

PROFESSIONAL EXPERIENCE

CAMP Systems International Inc., Charlotte, NC — 2024 – 2026

Technical Product Manager & Business Analyst II (2025 – 2026)

Defined product strategy and roadmap for a next-generation aviation platform, led enterprise migrations, translated workflow gaps into technical requirements, and partnered across engineering, QA, and go-to-market stakeholders to execute and monitor delivery.

- Owned the enterprise migration roadmap end to end, onboarded 75 customers from competing FBO platforms to TFBO Next-Gen, and sustained 104% YoY ARR growth over two consecutive years.
- Directed QA resource planning and the automated testing strategy that raised test coverage from 62% to 81%, trading breadth of coverage against confidence in each individual result while holding enterprise-grade release stability and regression quality assurance.
- Owned the product side of an infrastructure migration from a legacy monolithic aviation platform to a domain-driven microservices architecture using Java, Spring Boot, TypeScript, and Angular, implementing reusable RESTful APIs, caching, and lazy loading to reduce data retrieval latency by 68% and eliminate enterprise system timeouts.
- Directed a feature parity program for TFBO Next-Gen through influence without authority over engineering, translating workflow gaps into prioritized requirements, acceptance criteria and migration sequencing so 75 enterprise customers moved with zero operational downtime.
- Validated end-to-end TFBO Next-Gen use cases against legacy workflows to surface feature gaps, then aligned engineering, QA, and go-to-market stakeholders on delivery priorities and release monitoring.
- Removed a two-week onboarding bottleneck by automating the data injection ETL rather than asking for headcount, taking capacity from over two weeks per customer to three customers per day and making the 75-customer program feasible.
- Optimized engineering delivery velocity through AI-driven workflow integration to accelerate the redesign and release of the Invoicing module by five months and reduce customer churn significantly.

Product Manager & Business Analyst (2024 – 2025)

Supported post-merger integration of multiple FBO operations products into CAMP System's aircraft maintenance solutions suite following a $200M acquisition.

- Led enterprise-wide adoption of LaunchDarkly, a release control platform, modernized CI/CD pipelines, decoupled deployment from release cycles, and increased feature release frequency by 400%.
- Developed and deployed a LaunchDarkly API-based JavaScript web application in Cursor, enabled centralized feature flag monitoring and release control, reduced subscription costs, and achieved a 7% reduction in team OPEX.

World Kinect, Miami, FL 2022 – 2024

IT Business Analyst (2023 – 2024)

Enabled data-driven product improvements through continuous enhancement cycles, platform integrations, and technical requirements that optimized ERP workflows and aligned with aviation industry operational requirements.

- Replaced 25 separate weekly revenue emails to the CEO of a top-two enterprise account with a single dynamic PowerBI digest covering cumulative revenue and per-location drill-down, verifying every figure against raw Snowflake data before it reached an executive inbox.
- Spearheaded platform integration initiatives connecting four major accounting platforms and two loyalty/rewards programs into FBO360 to expand product ecosystem capabilities and enable new customer acquisition and market penetration.
- Supported enterprise aviation ERP product operations by collaborating with cross-functional engineers, QA, and stakeholders to enhance system reliability, scalability, and user experience across FBO360 deployments.

Business Intelligence Intern (2022)

Assisted in business intelligence and analytics initiatives by developing interactive dashboards, performing data modeling, and generating actionable insights to inform product and business decisions.

- Engineered seven Tableau dashboards leveraging Snowflake SQL data across four customer-facing applications to enable advanced product analytics, uncover usage patterns, and reduce customer attrition by 28%.

ENTREPRENEURIAL VENTURES

SpecHawk Inc. (spechawk.ai) 2026

Head of Product

Directed development of an AI-powered, deploy-aware no-code agentic QA platform for SaaS applications, where the agent discovers and maps staging environments, generates test cases, orchestrates execution, validates Jira tickets, and returns screenshot evidence. Engineered end-to-end QA workflow automation and improved deployment confidence by integrating environment discovery, test orchestration, and defect validation within a unified product system.

- Executed a six-month product roadmap, delivered MVP (V1), and advanced V2/V3 builds featuring Security Hub for dependency risk analysis, GitHub integration, a developer CLI, and a credit-based pricing architecture to enable scalable SaaS monetization.
- Built the deploy-aware QA workflow that discovered staging environments, generated and orchestrated test cases, validated Jira tickets, and returned screenshot evidence to improve deployment confidence.
- Raised early pre-seed capital to support MVP development, customer discovery, and product validation.

ADDITIONAL EXPERIENCE

Summer Intern, Keiretsu Forum, San Francisco, CA

- Built Python-based classification models to evaluate ~250 early-stage startups, automating due diligence and surfacing 8 high-potential seed investment targets for the in-house venture fund.

EDUCATION

Bachelor of Science in Quantitative Economics, Co-Major in Analytics, Minor in Computer Science | Honors: Dean's List (2020, 2022)

Relevant Coursework: Large Language Models, Sentiment Analysis, Big Data, Agile/Scrum, Strategic Communication

Miami University, Oxford, OH (2019 – 2023)

CERTIFICATIONS

- AWS Certified Cloud Practitioner
- Weaviate Vector Databases Professional
- ICAgile Certified Professional
- Atlassian Agile PM Professional
- Aha! Product Management Professional
- Anaconda Machine Learning Professional