

# Jiawei Chen

## AI / Agent Product Manager

Central South University (Project 985) · B.S. in Materials Physics · CET-6

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PRODUCT PORTFOLIO [www.jaelchen.com](http://www.jaelchen.com)



### 01 Professional Profile

Product manager combining **complex delivery at a major technology company, hands-on business operations, and 0-to-1 AI product practice**. Managed multiple hardware and software product lines at TP-Link; now independently leads, with AI-assisted implementation, a Feishu AI business data platform, Service Agent, and Lumen for a photography business. Translates business problems into product roadmaps, data models, and Agent workflows, and drives prototyping, API integration, evaluation, and delivery.

#### Central South University · Materials Physics

Sep 2020 — Jun 2024

#### STEM training · CET-6 · Provincial innovation project

Provincial award in a university innovation and entrepreneurship program; solid-state battery materials research; core debate team member; coursework in game theory and psychology.

### 02 Core Strengths

#### Product Judgment

Business abstraction · Requirements  
Roadmap · MVP · Acceptance

#### Agent / AI

RAG · Workflows · Prompting  
Evaluation · Human handoff

#### Complex Delivery

Cross-team execution · API integration  
Risk decisions · Fail-safe fallback

### 03 Experience

#### TP-Link | Commercial Project Manager

Jul 2024 — Feb 2026

- **Multi-line delivery:** Led the full lifecycle of **282 SKUs** and managed **80+ concurrent projects** at peak across five hardware and software product lines; delivered **10 high-value prototypes in one day**, each valued at RMB 30,000+.
- **High-risk bid recovery:** Led an outdoor lightning-protection switch project for a Korean customer under a new industrial design, new TPU / Si-PC materials, and an aggressive schedule; established parallel cross-process execution after a supplier change caused a one-month delay and **recovered two critical weeks**.
- **Urgent production decision:** Anticipated Lunar New Year supply-chain disruption across five urgent switch products, initiated an exception process, aligned multiple teams, and **completed delivery 15 days early**; all projects received excellent ratings.
- **International feature definition:** Led NFC feature definition for an overseas customer, identified trademark and comprehension risks, and drove convergence on a combined **Bluetooth + NFC interaction** across engineering, design, and business teams.

#### Zehuai Imaging Studio | Founder / AI Product Lead

Feb 2026 — Present

- **AI product strategy and system architecture:** Digitized a photography business with a **typical order value of RMB 3,000+** by leading a three-product portfolio: **Feishu AI Business Data Platform, Service Agent, and Lumen**. Defined the layered architecture, roadmaps, MVPs, product boundaries, and acceptance criteria.
- **Intelligent workflows and data governance:** Modeled consultation, customers, projects, talent, styling, post-production, and delivery as **business entities, states, and events**; designed structured ingestion, RAG, human review, risk routing, three-layer idempotency, audit trails, and fail-closed fallback.
- **AI engineering and delivery loop:** Used **Codex / Trae** to accelerate PRDs, prototypes, Prompt / Context design, LangGraph orchestration, REST API integration, test-set construction, log diagnosis, and deployment validation; converted frontline operating issues into product iterations within a **three-person team**.

## Role

Independently led with AI-assisted implementation · Business modeling, PRD / prototypes, prompts / workflows, API integration, evaluation, and deployment diagnosis

## Service Agent

RAG SERVICE WORKFLOW

Consultation automation · Risk governance

## Business context

Designed for real consultation operations to reduce repetitive questions, inconsistent knowledge, and high-risk situations such as price commitments and complaints while balancing response speed and service safety.

## Core design

Orchestrated intent detection, retrieval, response generation, quality checks, and human handoff with **LangGraph + RAG**; defined **R0-R3 risk levels, low-confidence clarification, and fail-closed** behavior.

## Product capability

Supports **knowledge citations, scenario routing, risk interception, human-in-the-loop review, and conversation traces**; completed **589 Python + 55 Web regression tests** and used a **90-scenario evaluation set** plus error taxonomy to iterate prompts, rules, and the knowledge base.

## Feishu AI Business Data Platform

DATA GOVERNANCE

Data ingestion · Business facts

## Business context

Consolidates cross-channel studio information and addresses fragmented chat screenshots, forms, and manual entries, inconsistent field definitions, and weak business traceability.

## Core design

Modeled customers, projects, talent, styling, resources, and tasks in a **unified business data model**; designed a controlled flow from extraction to **Candidate, human correction, SOP Gate**, and fact tables.

## Product capability

Supports structured screenshot / form extraction, human correction, **three-layer idempotency, audit trails, and exact cleanup by record ID**. Read-only validation covered **10 production V2 Base tables and 216 fields**; the local Pilot gate passed **49/49**.

## Lumen

MULTIMODAL WORKSPACE

Multimodal editing · Task workspace

## Business context

Supports photography post-production and creative work by making image-edit prompts reusable, normalizing model interfaces, and tracking task status and generated results.

## Core design

Converted style, lighting, skin treatment, and detail work into **reusable editing recipes**; defined **Provider abstraction, task state machine, retry, history recovery, and BYO API Key** boundaries.

## Product capability

Supports **Seedream 4.5 text-to-image / image-to-image, recipe reuse, model switching, and task history**; **32 targeted, 195 client, and 527 server regression tests** passed, and **2/2 real text-to-image and image-to-image calls returned HTTP 200**.

## AI Product Management

**User and scenario research, requirement decomposition, roadmaps, PRDs / prototypes**, MVPs, metric design, and cross-team delivery

## Agents and LLM Applications

**Prompt / Context Engineering, RAG, workflows, MCP / Tool Calling**, and human-in-the-loop design

## Evaluation and Data Loops

**Test-set construction, error taxonomy, hallucination and prohibited-commitment checks**, A/B tests, regression tests, logs, and feedback loops

## AI Coding and Engineering

**Codex / Trae, LangGraph, REST APIs, and Git**; API integration and deployment diagnosis; foundational **Python, TypeScript, and SQL**

## Models and Multimodal Systems

Understands **Transformers, Attention, Embeddings**, and model boundaries; hands-on **LLaMA-Factory / LoRA fine-tuning experiments** covering dataset construction, parameter setup, loss analysis, and inference comparison; practical experience with **Seedream image generation and Provider selection**.