

SUDE MUT

Product Specialist | Mobile Games

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Turkish (native) · English (professional)

SUMMARY

Computer Science graduate (AI specialization) and former startup co-founder moving into mobile game product. Builds independent product cases on live puzzle titles: plays and logs games as a non-payer, analyzes store reviews at scale, and turns findings into experiment designs with a clear primary metric and retention/monetization guardrails. Engineering background helps in working with data and dev teams. Active player of top-grossing match-3 and puzzle games.

PRODUCT CASES

Royal Match — “The Abundance Gap” *Economy & Monetization*

2026

sudemut.dev/cases/royal-match-the-abundance-gap

- Played two non-paying accounts (levels 1–60 and 165–175) and logged coin income, fails, continues, offers and card drops level by level.
- Found coins, lives and boosters rarely bound: 61% of coins came from outside regular levels, the balance reached 13,960 at level 155 with zero purchases, and only 2 of 19 fails led to a continue. Cards were the real scarcity (74/135, zero sets complete), yet offers mostly sold the abundant resources.
- Proposed a pick-your-card Wild Card offer at 8/9 set completion; designed a 3-arm A/B test against the existing Red Pack with first-purchase conversion as primary metric and ARPU, retention, pass sales and team card trading as guardrails, plus 4 internal-data checks before building.

Match Factory — “The Price of a Single Loss” *Difficulty & Retention*

2026

sudemut.dev/cases/match-factory-the-price-of-a-single-loss

- Logged 55 non-paying levels and analyzed 5,575 store reviews, benchmarked against Triple Match 3D, to study stacked failure costs, coin scarcity, difficulty and perceived paywall pressure.
- Proposed *Comeback Shield* for players on their third attempt at the same level; designed an A/B test against a cheaper continue, measured on 24-hour return, D7 retention, attempts-to-pass and revenue.

EXPERIENCE

Co-Founder & CFO, Software Engineer — Outfique (outfique.net)

Mar 2025 – Nov 2025

- Co-founded an AI fashion-tech startup (digital wardrobe and outfit recommendations); built the full-stack product, including the personalized recommendation engine and garment isolation from user photos.
- As CFO, ran business operations and contributed to investor presentations and landing-page content.

Junior Software Engineer — Infometrica Strategy (*Cortex BI & strategy platform*)

Feb 2025 – Oct 2025

- Worked with product managers and design to turn business requirements into shipped features across the product lifecycle.
- Built backend features and REST APIs (FastAPI, PostgreSQL, Redis) and React product surfaces: dashboard, query playground, usage logs, plan & billing, settings.
- Contributed to data integration, visualization features, performance optimization and QA.

Intern, Call Center & IVR Technologies — Fibabanka

Dec 2024 – Jan 2025

- Tested and monitored IVR and call-routing flows; documented customer-experience issues and joined cross-functional improvement discussions.

PROJECTS & AWARDS

2nd Prize — Fibabanka & AWS Hackathon II (FibaVox)

2024

- Built and pitched a GenAI voice assistant for system and infrastructure control in 48 hours.

Building Height Detection from Satellite Images — graduation project

2026

- PyTorch/OpenCV deep-learning pipeline for building segmentation and height estimation from RGB imagery (76.47% IoU, 81.1% F1), with an interactive GUI. Also built a real-time MediaPipe pose-feedback system for exercise form.

EDUCATION

B.Sc. Computer Science — Özyeğin University

Sep 2022 – 2026

- 100% tuition scholarship · English-taught · Artificial Intelligence specialization · Coursework: Data Science, Probability & Statistics, Algorithms & Data Structures, Computer Vision, Software Engineering

SKILLS

Product: Game economy, monetization, retention, FTUE/difficulty & funnel analysis, A/B test design, guardrail metrics, review analysis

Data: SQL, Python (Pandas, NumPy), statistics, Power BI, Matplotlib

Engineering: Python, Java, React, FastAPI, PostgreSQL, Redis, REST APIs, Docker, Git, AWS (basic)

AI / Tools: PyTorch, OpenCV, MediaPipe · Jira, Agile (Scrum)