

Alireza Belal

Technical Product Manager

Tehran, Iran | +98 912 061 6878 | belal.alireza@gmail.com | <https://www.linkedin.com/in/alirezabelal/> | <https://github.com/AlirezaBelal>

PROFILE

Technical Product Manager with a software engineering background, focused on B2B, data-intensive, and technically complex products. I work from discovery and specification through cross-functional delivery, analytics, launch, and early commercialization.

PROFESSIONAL EXPERIENCE

Houbad

Sep 2025 — Present

Researcher — Product & Technical Projects

Official: Researcher · Functional scope: Product Manager

Current role spanning enterprise product research, project/opportunity analysis, a smart-ambulance MVP, and evidence-based technical acceptance of confidential vendor-delivered systems.

- Translated an incomplete smart-ambulance concept into user flows, MVP priorities, requirements, and executable tasks while coordinating a small frontend/backend delivery group without a dedicated designer.
- Coordinated software, IoT, medical-device, and server/infrastructure dependencies and reached an initial MVP in approximately seven months.

2 ambulances in controlled EMS field test | 4 confidential systems under technical acceptance | Initial smart-ambulance MVP reached in ~7 months

Arian Novin Group — Sepas

Mar 2025 — Sep 2025

Technical Product Manager

Primary functional role: Product & Go-to-Market Consultant

Helped move a technically developed but unreleased Persian relationship-wellness product into public release, behavioral measurement, monetization, and early market validation.

- Defined launch readiness, MVP scope, roadmap, PRDs, user stories, acceptance criteria, product testing, and a two-week delivery cadence across technical and non-technical teams.
- Defined persona, target market, positioning, freemium/subscription model, pricing, event taxonomy, funnel measurement, and acquisition experiments.

1,450 unique registered users in later internal dashboard | 25,800 assessment responses | 758 couple contests · 344 completed (45.4%) | 58 unique paying users

WiseTrack

Dec 2021 — Mar 2025

Product Manager

Contributed from early startup formation through detailed product specification, pilot-led validation, ecosystem integrations, early fraud controls, and initial commercial adoption.

- Personally led product discovery and competitive research across Adjust, AppsFlyer, Adtrace, Metrix, AppMetrica, Amplitude, and related MMP/analytics patterns.
- Personally authored and drove detailed specifications for Attribution, Event Analytics, Callback, four Cohort models, and KPI/reporting design across acquisition, retention, and revenue.

~10 apps in pilot/onboarding — not 10 paying customers | Alibaba confirmed as first paying client | Recorded session-overview API: ~1.2s MySQL → ~0.25s ClickHouse

AVLIsland

Dec 2022 — Jun 2023

Project Manager — Product, Software & IT Infrastructure

Led the initial multilingual e-commerce phase across product, software, security, localization, and selected IT/network coordination for an established relationship-driven sales business.

- Defined scope, roadmap, requirements, delivery criteria, and formed/coordinated a cross-functional team spanning Laravel backend, frontend, database, SEO, security, and network support.
- Delivered catalog, search/filter, cart/checkout, order/inventory administration, direct Behpardakht and SEP payment integrations, and Persian/English/Arabic customer journeys.

Initial multilingual phase launched and handed over | Real customer orders confirmed after launch

IT Intern — Jihad Agriculture Organization, Zanjan

Jul — Sep 2019

Supervised internship with basic active/passive networking exposure and basic network setup — not a Network Engineer role.

Independent / Remote Software Engineering Projects

2017 — 2021

Project-based backend/full-stack, automation, data-processing, academic, and personal software work — not formal multi-year Software Engineer employment.

SELECTED TECHNICAL PRODUCTS

Iran Stock Analysis Pipeline

Automated Python market-data and analytics pipeline for Iranian equities with validation, multi-provider fallback, scheduled processing, and a read-only dashboard.

Data Engineering | Financial Analytics | Automation

AcuLearn - AI-Powered Course Advisor

AI-assisted Telegram course advisor with structured interview, context, knowledge-base/RAG integration, recommendation flow, and human fallback. ~500 starts, ~300 completed guided interviews, 3rd place.

Product | AI | Technical

IranArze - Automated Job Deadline Notification

Production Telegram automation with scraping, Jalali deadlines, idempotent alerts, Cron jobs, logs, health checks, and roughly two months of recorded operation for ~500 members.

Product | Automation | Data

CORE SKILLS

Product	Discovery Prioritization PRDs Roadmaps Acceptance Criteria
Analytics & Growth	Event Taxonomy Funnels Cohorts Attribution Go-to-Market
Technical Product	APIs SDKs Data Pipelines Webhooks Technical Acceptance
Hands-on Technical	Python PHP JavaScript SQL/MySQL ETL Docker Git

EDUCATION

Sharif University of Technology

M.Sc. Computer Engineering — Bioinformatics

Sep 2021 — Sep 2024

Thesis: Drug–Target Binding Affinity Prediction

University of Tabriz

B.Sc. Computer Engineering

Sep 2017 — Sep 2021

Computer Engineering foundation with software, data, AI, and systems work.

SELECTED PUBLICATIONS

Smart Home Automation Systems and Technologies Based On the Internet of Things

10th International Conference on Information Technology, Computer and Telecommunication · Tbilisi · Nov 2020

Civilica ITCT10_050

Survey on IoT-based Waste Management Systems

8th International Conference on Web Research (ICWR) · May 2022 · pp. 162–167

DOI 10.1109/ICWR54782.2022.9786239

Brain Tumor Detection and Classification in MRI Images Using a Fuzzy Deep Convolutional Neural Network

7th International Conference on Global Studies in Computer, Electrical, and Mechanical Engineering · 1402

Civilica ENPMCONF07_076

PROFESSIONAL DEVELOPMENT

Product Management Certificate - Bozhan Product School | Course May–Sep 2024 · certificate issued Dec 20, 2024

Product Management Course Certification - Product Plan | Selective 3-month bootcamp · 350 hours of training + internship · Fall 2024

1st Spark Seminar Series - Sharif Entrepreneurship Center | Approximately 24 hours of entrepreneurship-focused seminars.

2nd Spark Seminar Series - Sharif Entrepreneurship Center | Winter 2025 · approximately 24 hours of entrepreneurship-focused seminars.