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Top Skills

Strategic Thinking
Artificial Intelligence (AI)
Data Analytics

Languages

Persian (Native or Bilingual)
English (Native or Bilingual)
German (Elementary)

Certifications

Verified International Academic Qualifications
Google AI Essentials
Analyzing and Visualizing Data with Microsoft Power BI
International English Language Testing System

Honors-Awards

International Academic Qualification

Erfan Ahmadizadeh, MBA, MEng

Innovator| Energy Technology Entrepreneur | M.Eng Graduate
@Carleton University
Tehran, Tehran Province, Iran

Summary

Innovation strategist and transformation leader with 10+ years in product design & development and 3 years in product management at Jahannoor Company. I hold a BSc in Mechanical Engineering, MSc in Business Administration, and an M.Eng. in Technology Innovation Management (Carleton, Canada)—bridging technology with both technical and business processes. I've led rapid transformation projects (Dr. Behnam Tabrizi model) and applied AI to business processes, including an AI lead-scoring system that boosted sales at Storm Internet as my final project at Carleton University.

Passionate about turning innovation into sustainable growth, fairness, and new market opportunities.

Experience

Jahannoor

19 years 3 months

Chief Technology Officer

July 2025 - Present (1 year 2 months)

Shareholder and Member of the Board

September 2010 - Present (16 years)

Tehran, Tehran Province, Iran

Product Manager

July 2020 - October 2023 (3 years 4 months)

- Strategically analyzed data for four product families, identifying and resolving weaknesses through cross-departmental collaboration. Achieved a notable 8% increase in profit margins for each product family

- Strategically applied BCG matrix to optimize product portfolio. Eliminated two underperforming product families, prioritized star products, and achieved approximately 3% margin growth through streamlined operations. Successfully expanded star product families, maximizing sales by 15%.
- Strengthened cross-functional collaboration with teams in marketing, sales, CRM, R&D, and production. Engaged regularly with 10 key customers, collecting feedback and addressing concerns. Achieved a 30% increase in product satisfaction of customers as per CRM surveys over three years.
- Developed innovative solutions to address diverse product challenges from production to sales, optimizing costs while preserving margins. Notably, expedited product launch by two months through a strategic change in certification bodies.

Organizational Transformation Project Designer and Leader (The shift project)

February 2021 - March 2023 (2 years 2 months)

Tehran, Tehran Province, Iran

- Led a data consolidation and cleaning project using Power BI, improving strategic decision-making efficiency by 35% and enhancing company adaptability to market changes.
- Conducted a gap analysis and implemented a Power BI tracking system, accelerating strategic goal achievement by 50% and optimizing decision-making processes.
- Overhauled reporting processes with Power BI, creating user-friendly dashboards and reports that boosted stakeholder engagement by 40%, improving decision-making and strategic planning.

R&D Manager

July 2015 - September 2020 (5 years 3 months)

- Effectively led R&D team in successfully developing six product families, each with 5-6 sub-family products. Conducted competitor analysis, identified weaknesses and strengths, and implemented innovative solutions. Leveraged existing platforms to reduce investment, resulting in risk reduction and successful product launches.
- Directed three concurrent new product projects utilizing MSP and adhering to ISO 9001 principles. Strategically allocated resources, proactively identified

and resolved bottlenecks, ensuring the development of products aligned with customer needs and optimized company resources.

- Collaborated in cross-functional teamwork to achieve product development goals. Negotiated effectively with other departments to balance needs and input, significantly enhancing the product development culture from its previous state.

R&D Specialist

September 2010 - July 2015 (4 years 11 months)

Tehran, Tehran Province, Iran

- Designed and developed two product families, encompassing LED linear luminaires and 8-meter lighting poles, utilizing design software such as SolidWorks and CATIA. Elevated the company's product competitiveness in the market.
- Innovatively addressed challenges by introducing magnetic jointing for two parts, a non-conventional approach in the industry. Successfully enhanced ease of maintenance for customers while reducing production costs by eliminating complex jointing systems.
- Designed products independently under ISO 9001 principles, achieving a flawless record with zero failures in the products I personally created.

Production Specialist

June 2007 - August 2010 (3 years 3 months)

Tehran, Tehran Province, Iran

Education

Carleton University

Master of Engineering - MEng, Technology Innovation management · (January 2024 - May 2025)

Islamic Azad University, Science And Research Branch

Master of Business Administration - MBA · (2017 - 2021)

Islamic Azad University Central Tehran Branch

Bachelor of Engineering (BE), Manufacturing Engineering · (2010 - 2016)