



Vahid Motahhary

CEO, Electronic Engineer & Inventor

ABOUT ME

I am a passionate inventor and electronics engineer with a strong drive to create innovative solutions that improve everyday life. My mission is to bridge the gap between invention and industry by transforming ideas into impactful products. With international recognition, and a proven track record in R&D and production, I strive to inspire innovation, mentor young inventors, and contribute to the global community of technology and entrepreneurship.

CONTACTS



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LANGUAGES

- Persian (Native)
- German (Professional working Proficiency)
- English (Limited Working proficiency)

SKILLS

- Product Management & Commercialization
- R&D; and Innovation in Electronics
- Production Line Setup & Management
- PCB Design (Altium Designer)
- Mechanical Design (SolidWorks)
- Quality Control of Electronic Systems
- Business Planning & Market Research
- Team Leadership & Continuous Improvement

PROFESSIONAL PROFILE

Innovative entrepreneur and electronics engineer with 20+ years of experience in product design, R&D, manufacturing management, and commercialization of electronic products. Recognized internationally for inventions and awarded multiple medals in global innovation exhibitions. Skilled in transforming ideas into market-ready solutions with a strong focus on quality, continuous improvement, and business growth.

PROFESSIONAL EXPERIENCE

Founder of “Innovation Nexus team” – Innovation & Invention Services | 2025 – Present

- Training, Consulting, Patent & PCT Filing, International Competitions Preparation, Innovation Standard (IIS), Prototyping

PRAG Company – R&D Manager | 2016 – 2025

- Leading electronic product R&D; and overseeing new product development cycles.
- Conducting extensive market research and benchmarking products (e.g., power strips, automatic hand sanitizers).

Vira Electric Exon – LED Product Manager | 2014 – 2016

- Designed and tested LED drivers for various power ranges.
- Compared and analyzed LED lamps from international brands.

Taba Electronics – Production & Design Manager (Audio/Video Door Phones) | 2010 – 2014

- Directed R&D; prototyping, and test of video door phones.
- Managed production line operations and optimized manufacturing processes.

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EDUCATION

- B.Sc. in Electrical Engineering (Electronics) – IHU, 1995–2000
- Diploma in Electronics – Resalat Technical High School, 1993–1994

ACHIEVEMENTS

- Gold Medal – IFIA INV Members' Invention Competition, Geneva, Switzerland (2025)
- 2 Silver Medal – Geneva International Invention Competition, Geneva, Switzerland (2025)
- IFIA Innovation Standard (IIS), Geneva, Switzerland (2025)
- Gold Medal – Seoul International Invention Fair, South Korea (2024)
- Special Award – Taiwan at Seoul International Invention Fair (2024)
- Silver Medal – IFIA INV Members' Invention Competition, Geneva, Switzerland (2024)
- Gold Award – Continuous Improvement Project (Faratel, 2005)
- Silver Award – Best University Thesis (2000)

PROFESSIONAL EXPERIENCE

Baregheh Kish.Co – Technical Engineer (DF Project) | 2008 – 2010

- Tested and repaired power supply, control, and antenna boards for Direction Finder systems .
- Prepared technical documentation for assembly and testing procedures.

Basamad Azma – Power Supply & Inverter Design Engineer | 2006 – 2008

- Designed and tested switching power supplies and inverters.
- Performed troubleshooting and quality testing of electronic boards.

Faratel Co. – Project Manager (UPS Chargers) | 2004 – 2006

- Designed, tested, and repaired UPS chargers.
- Supervised QC of electronic components and assembled boards.
- Trained production teams and improved technical documentation.

Simaran Co. – Design & Production Manager (Audio/Video Door Phones) | 2000 – 2004

- Designed, tested, and optimized cost-effective door phones.
- Conducted competitive analysis of international door phones and lock brands.
- Implemented quality control for electronic, metal, and plastic components.

CERTIFICATIONS & TRAINING

- **Idea to Product Bootcamp** (2025)
Engineering Design, 3D Printing, Electronics, Programming, Prototyping, Product Testing, Product Presentation
- **Branding, Negotiation, and Business Development Courses** (2024–2025)
- **IFIA Academy** – Certificate of Completion 96 Hours (2023–2024):
Returning to Innovation, Product Design Genome, Market Analysis & Business Model Review, Inventor's Portfolio, Product Technical Toolbox, Media Management in Market Growth, Personal Branding for Inventors, Legal Dimensions & Standards, Flexible Strategic Frameworks in Innovation, Business Planning, Preparing Inventions for Market Entry, Future Research & Product Solutions.
- **INV Membership Certificate** – IFIA, Geneva, Switzerland (2024)
- **Creativity & Invention Training** (2024)
- **Intellectual Property & Patent Training** – Iran Patent Office (2021–2022)
- **Academic Degree Verification** – ZAB Germany (2019)
- **German Language Certificate (B1)** – Goethe Institute (2019)