

Morteza Jafarhaji

PROFESSIONAL SUMMARY

Senior Manufacturing and Production Executive with more than 30 years of experience in heavy industry, power generation equipment, and renewable energy manufacturing. Proven expertise in production management, technology transfer, industrialization, supplier qualification, process optimization, and large-scale manufacturing operations. Successfully led the establishment and operation of wind turbine blade, nacelle, and hub production lines and managed the production of utility-scale wind turbines for major wind farm projects. Strong background in manufacturing engineering, CNC programming, technology development, technical training, and cross-functional leadership.

CORE COMPETENCIES

- Production & Operations Management
- Wind Turbine Manufacturing
- Renewable Energy Projects
- Technology Transfer & Industrialization
- Manufacturing Engineering
- Process Improvement & Optimization
- Supplier Qualification & Development
- Quality Assurance & Non-Conformity Resolution
- CNC Programming & Machining Technologies
- Lean Manufacturing Principles
- Technical Training & Knowledge Transfer
- Project Management
- Team Leadership
- HSE & Industrial Safety Compliance

PROFESSIONAL EXPERIENCE

Production Manager – Wind Turbine Division
MAPNA Generator Engineering & Manufacturing Co. (PARS)
February 2015 – March 2026

Key Achievements:

- Led the localization and transfer of wind turbine manufacturing technology.
- Directed technology transfer and industrialization of wind turbine blade production.



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پلاک ۴۰، طبقه ۴، واحد ۱۳



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- Established supplier qualification processes for raw materials and critical components.
- Managed production of all major wind turbine assemblies, including blades, nacelles, hubs, and auxiliary systems.
- Successfully launched Iran's megawatt-scale wind turbine blade manufacturing facility.
- Established nacelle and hub assembly production lines.
- Supervised manufacturing and delivery of 72 wind turbine units for major wind farm projects including Kahak, Aghkand, Mil Nader, Khaf, and Doroh.
- Managed service operations, maintenance support, and after-sales services for installed wind turbines.
- Led multidisciplinary teams across manufacturing, engineering, quality, and supply chain functions.

Head of Technology Development

MAPNA Generator Engineering & Manufacturing Co. (PARS)

October 2009 – January 2015

Key Responsibilities:

- Developed and enhanced technological capabilities of generator manufacturing facilities.
- Optimized production methods and manufacturing processes for generator components and assemblies.
- Investigated production issues and implemented corrective and preventive solutions.
- Organized technical workshops, conferences, and technology development programs.
- Identified and implemented advanced manufacturing technologies aligned with business objectives.
- Delivered internal technical and engineering training programs.

Manufacturing Engineering Specialist

MAPNA Generator Engineering & Manufacturing Co. (PARS)

December 1998 – September 2009

Key Responsibilities:

- Developed machining procedures and manufacturing documentation.
- Prepared welding procedures and quality control instructions.
- Resolved production and system non-conformities.
- Evaluated technical specifications for procurement of machining equipment and tooling.
- Conducted CNC programming training courses for technical personnel.



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CNC Programmer

Ahram Vazin Co.

April 1996 – December 1998

Key Responsibilities:

- Developed CNC machining programs for industrial components.
- Prepared and controlled machining drawings and manufacturing documentation.
- Trained machine operators and supported production activities.

EDUCATION

Bachelor's Degree

Manufacturing Technology Engineering

Associate Degree

Manufacturing & Production Engineering (Machine Tools)

PROFESSIONAL TRAINING

Completed more than 100 professional training courses in Iran and internationally, including:

- Management Systems and Leadership
- Technology Management
- Advanced Problem-Solving Techniques
- Renewable Energy Technologies
- Wind Power Systems
- Manufacturing Technologies and Production Methods
- Information Security
- Environmental Standards and Compliance
- Human Resources Development
- Health, Safety & Environment (HSE)
- Heavy Industrial Manufacturing and Machining
- Supplier Identification, Qualification, and Evaluation

ADDITIONAL STRENGTHS

- Extensive experience in heavy industrial manufacturing
- Strong leadership and people management skills
- Effective stakeholder communication
- Strategic planning and execution
- Continuous improvement mindset
- Technical mentoring and workforce development
- Proven track record in technology localization and knowledge transfer



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