

Azucena Magan

Chief Engineer

Profile

A highly skilled and dedicated Chief Engineer with 10 years of experience in leading cross-functional teams, managing complex engineering projects, and driving continuous improvement. Proven track record in optimizing processes, reducing costs, and ensuring timely project completion. Strong expertise in design, development, and implementation of innovative engineering solutions across multiple industries. Adept at fostering collaborative relationships with stakeholders and mentoring engineering talent to drive organizational success.

Employment History

Chief Engineer at Granite State Manufacturing, NH

May 2023 - Present

- Led the successful completion of a \$5M robotics project for a major defense client, resulting in a 25% increase in production efficiency and a 15% reduction in labor costs.
- Managed a cross-functional team of 20 engineers and technicians to design, develop, and launch a new line of advanced manufacturing equipment, which increased operational capacity by 35% and generated over \$10M in new revenue within the first year.
- Implemented a comprehensive quality management system that reduced product defects by 40%, increased customer satisfaction by 20%, and saved the company over \$2M annually in warranty claims and rework costs.

Assistant Chief Engineer at Hitchiner Manufacturing Co. Inc., NH

Sep 2020 - Mar 2023

- Successfully led a team of 10 engineers to complete the design and installation of a new \$5 million production line, resulting in a 25% increase in manufacturing efficiency and a 15% reduction in production costs.
- Implemented a predictive maintenance program that reduced machinery downtime by 40%, saving the company \$1.2 million annually in lost productivity and repair costs.
- Developed and executed a comprehensive training program for the engineering department, increasing employee engagement by 20% and reducing turnover by 15% within a year.

Associate Chief Engineer at BAE Systems, NH

Sep 2013 - Aug 2020

- Led the successful completion of a \$50 million defense project, achieving 98% on-time delivery and exceeding customer expectations by implementing innovative engineering solutions and streamlining processes.

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📍 123 Maple Street, Concord, NH 03301

Education

Bachelor of Science in Engineering Management at University of New Hampshire, Durham, NH

Aug 2008 - May 2013

Relevant Coursework: Engineering Economics, Operations Research, Quality Control, Project Management, Supply Chain Management, Systems Engineering, Industrial Automation, Production Planning, Facilities Design, and Organizational Behavior.

Links

[linkedin.com/in/azucenamagan](https://www.linkedin.com/in/azucenamagan)

Skills

AutoCAD proficiency

MATLAB expertise

Python programming

Finite Element Analysis

SolidWorks mastery

Project management

Lean Six Sigma

Languages

English

Portuguese