

EDUCATION

MIT School of Engineering

Bachelor of Technology (Mechatronics & Automation); GPA: 8.20

Pune, India

June 2019 - August 2023

SKILLS SUMMARY

• Strategy:

Cost Optimization, Competitive Analysis, Business Case Development, Market Strategy, Change Management.

• Data & Analytics:

aPriori, Google Apps Script, Looker Studio, Google Sheets, KPI Dashboards, Root Cause Analysis.

• Cost & Market:

Cost Engineering, Industry Research, Cost Optimization, Pricing Strategy, Predictive Analytics.

• Soft Skills:

CFT Collaboration, Strategic Communication, Stakeholder Management, Executive Reporting.

• Technical :

Electronics Analysis, Electronics Cost Modelling, Reverse Engineering.

WORK EXPERIENCE

SPECIALIST, ENGINEERING, GTEC | WHIRLPOOL CORPORATION

Aug '23- Present

◦ Led PCB cost driver analysis across Whirlpool and competitor products, driving insights into design strategy and architecture efficiency.

◦ Built cost models for electronic components using teardown benchmarks and historical data to inform procurement and margin decisions.

◦ Owned electronic component trend analysis across product categories, enabling standardization and sourcing strategy for global teams.

◦ Developed automation tools using Google Apps Script and AI to reduce manual analysis time, scale reporting, and support business intelligence.

◦ Delivered strategic insights to EVPs and cross-functional stakeholders, influencing product architecture, sourcing decisions, and roadmap investments.

INTERN, ENGINEERING, GTEC | WHIRLPOOL CORPORATION

Jan '23-Jul '23

◦ Supported competitive cost analysis and supplier optimization initiatives, contributing to \$2.19M in cost savings across electronic components.

◦ Conducted benchmarking and value analysis for electronics subsystems to identify cost drivers and design efficiencies.

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KEY STRATEGIC PROJECTS

EVP Advisory & Cost Optimization

Dec '23-Feb '24

◦ Led cross-functional analysis of supplier footprint and cost levers in electronics; partnered with 4 engineers to deliver data-driven recommendations to EVPs, aligning sourcing strategy with industry shifts and contributing to multi-million dollar savings initiatives.

Microcontroller Strategy & Sourcing Optimization

Sep '24-Feb '25

◦ Led portfolio-wide analysis of microcontroller usage across business units; collaborated with cross-functional stakeholders to develop standardization strategies and supplier alignment plans. Supported EVP-level decisions that enabled \$9.5M+ in savings through platform consolidation and sourcing efficiency.

Strategic Cost Case – Refrigeration Launch Acceleration

Jul '24-Aug '24

◦ Contributed to a \$1.5M cost-saving initiative by optimizing the supplier footprint and leveraging internal assets to fast-track a high-impact refrigeration launch developed fully in-house.

HMI Strategy: Premium Cooking Product Strategy & Cost Optimization

Feb '25-Apr '25

◦ Led HMI strategy for a premium wall oven, analyzing mechanical, electronics, and integration costs. Acted as SPOC across teams and conducted global virtual workshops to drive alignment and unlock key optimization opportunities.

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CERTIFICATIONS

Project Management Professional (Google) | [CERTIFICATE](#)

◦ Gained skills in project workflows, stakeholder coordination, and execution planning.

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AWARDS

◦ **Star Award (2024):** Delivered cost savings via component standardization, reducing complexity by 133 parts in a critical electronics project.

◦ **Constellation Award (x2):** Recognized for influencing key product decisions and leading a \$9.5M+ sourcing strategy adopted in global design.

◦ **Stellar of the Year (2024):** Core contributor to an electronics project, driving architectural decisions and CFT's alignment.

◦ **Blackbox Design Impact (2025):** Honored for advancing cost leadership through competitive benchmarking, cost modeling, and sourcing integration.