

Shubham Yadav

5 Years 2 Months Overall Experience

Led digitalization initiatives, saving more than 2 crores in projects, reducing customer response time by 85% and increased productivity. Implemented change management to align people, process and tools. Spearheaded product lifecycle, boosting user engagement, driving 25% revenue growth and entering 2 new customer segments. Experience in steam power and hydrogen generation projects. Startup experience, skilled in additive manufacturing, product development and stakeholder management.

Industry

- Energy
- Manufacturing
- Startup

Functional Areas

- Digital Transformation
- Product Development
- Stakeholder Management
- Operational Efficiency
- Additive Manufacturing

Education

VJTI, Mumbai

B. Tech in Mechanical Engineering

2015-19

Indian Institute of Management Indore

Master Of Business Administration

2025-26

Certification

Accomplishment

Sabka Chahita Award

Recognized as a trusted, approachable, and widely appreciated team member at Siemens' P&O Connect event for the India Business Unit.

Rockstar Award

Awarded by Engineering Head for taking lead in various automation and digitalization activities

Young Engineer Scholar

Recipient of the Young Engineer Scholarship at VJTI

Scholarship from NM College of Commerce and Economics

Awarded with Scholarship by 'The Advertising & Marketing Circle NM College of Commerce and Economics, Vile Parle' for the best overall performance in school

Best Student Award

Awarded as the 'Best Student' at the 35th Karate Camp among 213 students, 2016

Gold in Kumite

Gold in freestyle fighting in the National Karate championship

Solo Cycling – 450kms

Completed solo cycling from Vadodara to Mumbai, 450kms in 27.5hrs, 2021

Pune Half marathon

Completed Pune half marathon in less than 3 hours, 2024

Event Organizer

Organized and coordinated city-wide cycling events to promote fitness and community participation, overseeing logistics, route planning, and on-ground execution. Successfully executed 10+ events a year.

Freelance Web Designer & Developer

Designed and developed websites for 4+ clients using HTML/CSS and React, focusing on responsive design, intuitive user interfaces, and brand-aligned digital experiences

Crafting ONGC's digital change management policy

Team leader of the consulting team from IIM-I working on a project with ONGC on digital change management policy

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Experience

Air Products

1 Year

Mechanical Systems Engineer

Feb' 24 - Feb' 25

- Identified a process automation opportunity in test diagram creation for gas generation plants by integrating software tools—resulting in a 72% reduction in time and an annual saving of 4,800 man-hours (~ INR 45 lakhs)
- Worked on net-zero hydrogen production & liquefaction project, a world-scale energy complex worth $1.3B (CAD) in Canada

Myskillshaala (IEI Didactics) – GUSEC incubated

8 Months

Product Design Lead

Jan' 23 - Oct' 23

Product development and UX

- Launched 10+ new product categories of hobby kits and gifting, driving a 25% revenue growth and brand repositioning
- Enhanced web app with activity-based learning and gamified rewards; 3x growth in feature interaction and 15% increase in new signups
- Revitalized product packaging to increase customer call to action leading to a cross-sell rate of 20% and higher user engagement
- Growth strategy and market expansion
- Penetrated 2 new customer segments within 6 months, contributing to revenue diversification and higher sales volume
- Organized 8 workshops to grow hobby community, build product awareness, engage target audience and map customer journey Operations and efficiency
- Deployed AI-based assistants, eliminating additional hires for up to 4 roles, driving lean operations and optimizing resource allocation
- Utilized 3D printing for faster design validation, reducing iteration cycle by 60% and accelerating time to market by 25%
- Strengthened in-house manufacturing and assembly processes, reducing cycle time by 70% and man hours by 40% Product Marketing & Customer Outreach

- Led product launches of 4 new offerings, coordinating design, marketing, and content to ensure timely and impactful market entry
- Created and executed ad campaigns for 2 products, driving brand visibility and user interest through visual storytelling

Siemens Ltd

3 Years 6 Months
Solution Engineer

Jul' 19 - Dec' 22

Digitalization

- Performed data analytics on steam turbine projects, resulting in cost savings of INR 2.2 crores annually and project standardization
- Developed excel application for system design which reduced engineering time by 75% and increased productivity by 67%
- Integrated business processes with Microsoft Power Platform, reducing customer response time from several weeks to 2 days
- Developed low-code applications using Power Apps integrated with databases for real-time data access to sales and factory operations

Change Management

- Led a digital change initiative for 100+ employees, organizing weekly meetups, ad campaigns, technology capability demonstrations, software training, brainstorming sessions and transforming to entrepreneurial culture for a future-ready agile workplace

Stakeholder management

- Managed 25+ clients for steam power projects to gather requirements, resolve site queries and ensure delivery milestones
- Collaborated with engineering and procurement teams to identify cost optimization opportunities and achieved 60+ lakhs savings
- Led quality reviews with senior management and implemented CAPA strategies in more than 50+ engineering site issues
- Managed sub suppliers of 8+ equipment to resolve manufacturing challenges and ensure design & cost compliance

Product development

- Designed inhouse lubrication system gaining 60% reduction in manufacturing lead time and saving 3000+ man hours
- As a part of the R&D team, developed a 1kW alkaline electrolyzer powered by solar energy, enabling clean hydrogen generation

Process improvement and standardization

- Simplified new vendor onboarding process with reduction of 50 man-hours effort, introducing checklists and standard design template
- Served as Quality representative driving process compliance and meeting monthly KPI targets achieving 95% success rate

People & Organization

- Created and hosted wellness podcast focused on health and well-being, aimed at promoting holistic employee wellness
- Directed a remote employee engagement event to boost morale and team connectivity during the lockdown for 2 years