

SHUBHANGI SINGH

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EDUCATION

UCLA ANDERSON SCHOOL OF MANAGEMENT

Los Angeles, CA

M.B.A., Full-Time Program, Management Consulting Specialisation

Jun 2025

- Honors: Merit Fellowship (90% tuition), Forte Foundation Fellow, Consulting Immersion
- Membership: Management Consulting Association, Women's Business Connection, South Asian Business Association

BIRLA INSTITUTE OF SCIENCE AND TECHNOLOGY

Goa, India

M.E., Chemical Engineering, GPA 9.0/10

May 2017

- Honors: Merit Scholarship (100% tuition), Published "Oxidative Desulphurization and Kinetics of Pyrite in Coal"
- Leadership: Teaching Assistant in labs, Advisor and Mentor, undergraduate students

BANASTHALI VIDYAPITH

Rajasthan, India

B. Technology, Chemical Engineering, GPA 7.8/10

May 2015

- Honors: Merit Scholarship (70% tuition), graduated top 1% in class of 300
- Leadership: Vice president, Chemical Engineering Club

EXPERIENCE

ASMETECH ENGINEERS PVT. LTD, Engineering design and manufacturing company

New Delhi, India

Assistant Engineering Manager

Dec 2021 – Jul 2023

- Supervised 15 team members across 6 divisions, pitching 10 projects and winning 6 new projects; resulted in \$3M revenue in 1 year
- Improved operational efficiency by designing the system for by-product utilisation and by leveraging data analytics to adjust temperature and pressure settings; new process reduced project costs by 40%
- Led 12-person team to address operational challenges in 7 wastewater plants; Analyzed historical data and identified patterns, designed, and implemented predictive maintenance algorithms on 60 parameters to save \$1M
- Collaborated with R&D team to design and engineer \$20M biogas plant, resulting in 35% reduction in capex by utilisation of existing internal equipment and identification of cost-efficient third-party manufacturers

BHOOMI, AGRI-TECH startup

New Delhi, India

Co-Founder

Jun 2019 – Jul 2023

- Persuaded 30 institutional partners, 7 government officials, and 1 promotional speaker to attend product launch event for agricultural technology business; educated 400+ potential users and raised \$50K seed capital
- Curated and Implemented training curriculum for 15 Brand Ambassadors customer feedback-driven go-to-market strategy for crop monitoring, precision irrigation, and smart farm equipment; resulting in 10K users in 120 days

MULTITEX FILTRATION ENGINEERS LTD, Engineering procurement and construction company

New Delhi, India

Process Engineer II ('20-'21), Process Engineer I ('19-'20), Graduate Engineer Trainee ('18-'19)

Dec 2018 – Nov 2021

- Executed revenue growth initiative by conducting market research, analyzing client data, and pinpointing top 3 business opportunities; pitched recommendations to executives and received buy-in to integrate into marketing plan
- Detected skills retention gap in core skills related to optimisation practices, curated tailored training program with frequent assessments for a 20-member team, resulting in an 40% performance growth
- Identified cost-saving prospects and responded by creating project management manuals and standards to optimise project planning, staffing, QA/QC, and inter-divisional communication; increased company monthly profits by 15%
- Facilitated communication between the technical team and international clients for \$100M gas sweetening projects, saved over 800 MHRS on a 5% lower budget by cross-training, remote monitoring, and streamlined reporting

MORADABAD INSTITUTE OF TECHNOLOGY, Engineering College

Moradabad, India

Assistant Professor

Sep 2017 – Nov 2018

ADDITIONAL

- **Volunteer:**
 - **Chetna Foundation:** Oversaw day-to-day operations to maintain Covid-19 protocols and medical supplies
 - **Unnat Bharat Abhiyan:** Led 50-person to arrange 500 exhibitions of upcycled rural art
- **Interests:** squash, paragliding, horse riding, thriller novels, meditation- continuously practicing from last year