

Vrushank Subramanian

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SUMMARY

Nationality: Indian
Work Permit: Sweden
Residence Permit: 07/2025
Spain TIE: 03/2026

EDUCATION

MSc. Material Science and Engineering

University of Florida • Gainesville, USA • 08/14–05/16

B.Tech Chemical Engineering

SRM University • Chennai, India • 07/10–05/14

Summer University: Innovation, Technology and Society 2012

Technical University Munich (TUM) • Munich, Germany • 06/12–07/12
• Completed a workshop on Intercultural Competence and Communication..

Master in Business Administration (Full-time MBA)

Esade Business & Law School, Ramon Llull University • Barcelona, Spain • 09/24–01/26
• Member of Consulting, Sustainability, and Tech Clubs.

EXPERIENCE

Head–Metal Additive Manufacturing

3D Product Development Pvt. Ltd

03/18–09/22, Bangalore, India

- Led Metal Additive Manufacturing (AM) Department, aligning product-market fit strategies and driving 20% monthly revenue growth through market-driven solutions.
- Reduced lead times by 10% and failure rates to 5% by optimizing product adaptation, refining SOPs, and minimizing operational gaps.
- Ensured regulatory compliance by spearheading AS 9001D certification, enhancing product credibility and stakeholder trust.
- Launched sustainable contract manufacturing in partnership with Shankara Eye Hospital, reducing waste by 35% through localized 3D printing solutions improving go-to-market strategies and increasing product adoption across regulated industries.
- Led a 5-member team to manufacture 15,000 oxygen splitter valves for hospitals during the COVID-19 crisis, delivering impact at scale.
- Negotiated supplier contracts, cutting raw material costs by 15% through procurement optimization and cost analysis..
- Orchestrated sustainable trends initiatives within the Metal AM division, elevating eco-efficient practices to align with industry benchmarks and achieving a 25% reduction in carbon footprint over 12 months.
- Directed project management efforts, consolidating cross-functional teams and resources over 6 months to deliver a 30% increase in production efficiency utilizing Kaizen methodologies.
- Analyzed production workflows and material utilization to identify inefficiencies, resulting in a 20% cost reduction and improved resource allocation using Total Quality Management tools over a 4-month period.

Business Analyst Trainee

Prisma Global LLC

09/16–01/17, Florida, USA

- Conducted market research & competitive analysis, surveying 70 companies to develop an entry strategy for an Indian startup in the US luxury market.
- Delivered 8 business development pitches, strengthening cross-border sales collaborations and adding 40 potential customers to the pipeline..
- Evaluated market trends and presented industry insights to improve business strategies, boosting engagement by 20% within 3 months.

INVOLVEMENT

Volunteer Work

Mirra Foundation

- Co-ordinated awareness events for the Mirra Foundation for children with autism and multiple disabilities..

University

- Vice-captain of university football team (2011-2013), Public Relations Team member for university cultural fest, avid traveler with trips across Southeast Asia, Europe and, USA, passionate about automobile engineering..

SKILLS

Technical: MATLAB, Materialise Magics, Microsoft Office Suite (Word, PowerPoint, and Excel), 3D Sprint, Simufact Additive Simulation, SQL.

Languages: English (Native), Hindi (Native), Tamil (Elementary), Malayalam (Elementary).