

# Pranav Bharadwaj

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**TWV niet vereist. No sponsorship required**

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## SUMMARY

Currently in **Amstelveen**. Supply Chain Transformation professional with 5+ years of experience architecting and implementing global Industry 4.0 and digitization initiatives within complex high-tech environments (FMCG, Retail, 3PL, Manufacturing). Expertise spans: consultative approach, drafting RFx/business cases, utilizing innovative digital tools/platforms to drive technical + commercial consensus and ensuring compliance. Skilled in process standardization, change management and cross-functional alignment with internal-external partners. Master's degree, University of Cambridge. Available immediately.

## EXPERIENCE

- Addverb Technologies** Delhi & Bangalore, India  
Oct 2020 - Jan 2025
  - *Manager, Technical Solutions & Sales (joined as a management trainee)*
    - Owned commercial and technical delivery for 12 multi-location Industry 4.0 supply chain modernisation programmes totaling \$3M; Led full lifecycle (RFx/discovery/advisory → data deep-dives → solution design & FSD → UAT → hypercare) and drove client workshops and ERP (SAP, IBM) integrations. *Select projects:*
      - \* *Battery Manufc.:* \$1M WCS+WMS deployment for 12 GWh Li-ion greenfield facility, delivering on digitization initiatives through seamless ERP integration and touchless material-flow automation
      - \* *Retail Food:* \$400K dark-store fulfillment solution across multiple sites (900+ SKUs), reducing replenishment and pick-to-collect time by 50% and enabling sustained 75 orders/hr
      - \* *Automotive Tier-1:* Application of real-time control tower with REST API enabled IIOT hardware and MES+LES integration across 12 trim supply supermarkets, cutting time-to-kit by 70% and line stops 50%
    - Built and expanded Supply Chain automation practice across new verticals, cultivating relationships with 80+ clients and ecosystem partners through on-site visits/workshops, industry events, and live POC tests.
    - Functional lead in procurement of 3rd party/bought out (Software, IIOT Hardware, Conveyors, Steel Racking, Pallets, special purpose machinery etc) across multiple sites. Partnered directly with client, vendor and internal stakeholders to define quality frameworks, make-buy gate, lead-time and contractual/SLA/LD obligations.
    - Organized 5+ training initiatives on critical standards (FEM, ANSI/RIA, CE/UL, IEC) and conceptualizing a framework to align solutioning deliverables (Layouts, RFP, Tech Specs) with quality and safety compliances.
  - Orbis Advisory** London, United Kingdom  
Oct 2019 - Feb 2020
    - *Sustainability Analyst (left UK due to Covid 2020 lockdown)*
      - Conducted GRESB and CDP Disclosure audits for a £42M client, developing 5 strategies projected to reduce carbon emissions by 30%, which resulted in new contract wins.
      - Developed comprehensive emission benchmarking (scope 2-3) for a FTSE 250 mining client, presenting opportunities to senior stakeholders for achieving Net Zero goals.
      - Co-designed ESG sustainability performance dashboard in partnership with R&D for private equity firms with £1Bn AUM, enhancing investor decision-making based on sustainability performance.
  - IfM, University of Cambridge** United Kingdom
    - *Consulting Placement at Kohler Mira, Thales, Reflection Therapeutics, Kettle Foods* Oct 2018 - Apr 2019
      - Conceptualized £4.42M commercialization strategy for a digital rail solution aimed at improving operational efficiency; presented next-steps to 12 senior stakeholders and policy makers.
      - Conducted critical market access and supply response analysis for a CAR-T orphan drug (ALS), directly contributing to the successful securing of a £40K grant application (CGT Innovate-UK).
      - Redesigned a sub-assembly line for a manufacturing client, reducing line size by 12% and freeing 58 sqm of space.
  - Atkins Réalis** Bangalore, India
    - *Graduate Program (1 Year rotational - Transportation Group and PMO)* Aug 2017 - Jul 2018
      - Drove key internal initiatives on digital transformation within the Project Management Office, leading to productivity improvements and enhanced tracking of bids via management review dashboards.
  - Siemens AG (Smart Grid)** Goa, India
    - *Operations Excellence Internship - Manufacturing and Quality* Jun 2016 - Jul 2016

## EDUCATION

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- **University of Cambridge** Cambridge, United Kingdom  
*Master of Philosophy in Industrial Systems, Manufacture, Management;* Sept 2018 - Oct 2019
  - Grade: 6.6/8.0; Recipient of the St. John's-Darwin Research Award for thesis. Offered PhD admission in Centre for Technology and Innovation Management.
  - University Clay & Skeet Shooting team, College M3 Rowing, Technology Club, PE-VC club.
  - Industrial site visits in 20+ firms spread across Italy, Switzerland and Germany.
  - **Subjects:** Systems Engineering, Finance, Supply Chain Analytics, Project & Risk Management, Decision Sciences, Operations Strategy, Lean Manufacturing, Digital Transformation
- **TERI School of Advanced Studies** Delhi, India  
*Post Graduate Diploma in Renewable Energy Systems and Policy (youngest in cohort)* Jul 2017 - May 2018
  - **Subjects:** Solar Photovoltaics, Wind Turbine Design, Biomass & Biofuels, Grid Integration, Battery Storage Systems, Energy Policy & Regulation, Environmental Impact Assessment, Project Appraisal & Finance, Smart Grids, Sustainable Energy Systems
- **SRM Institute of Science and Technology** Chennai, India  
*Bachelor of Technology in Electrical and Electronics Engineering;* Jul 2013 - May 2017
  - Grade: 9.1; First class with Distinction, top 2% in cohort of 350
  - Publication: "Sensor fusion aggregation algorithm for energy automation in buildings" Sustainable Cities and Society, Elsevier - doi.org/10.1016/j.scs.2018.09.031
  - Research: Energy Systems Lab: Devoted 100 Hrs/sem on power system modeling projects (2015-2017).
  - **Subjects:** Control Systems, Embedded Systems, Industrial Automation, Digital Systems Design, Optimization, IoT applications, Calculus, Numerical Theory, Data Structures & Algorithms, Programming in Python/C++.

## OTHER DETAILS

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- **Software:** MATLAB, LabView (CLAD), Excel VBA, Power BI, Python, Salesforce, CAD, Solidworks, Siemens Technomatix
- **Languages:** English, Dutch (A1 equiv.) Hindi, Kannada, Telugu, Tamil, German (A1 equiv.)
- **Leadership:** Founded SRM IEEE Chapter (grew membership from 1 to 63, raised \$3500+ for workshops); Student President representing 500+ students in councils and events
- **Professional Memberships:** Member IEEE, Fellow Royal Asiatic Society, Member PMI (pursuing PMP)
- **Interests:** Mountaineering, Trail Running, Clay Shooting, Travelling, Food, Movies, Classic Rock
- **Business Skills:** Project Management (Agile/Scrum) · Stakeholder Management · Client Workshops & Facilitation · Vendor & Partner Management · Change Management · Requirements Gathering · Test Strategy & UAT Management · Risk Assessment · Business Development · Product Strategy & Roadmapping · Cross-functional Leadership · Market Research · Solution Validation · Process Optimization
- **Technical Skills:** ERP–WMS–MES Integration · SAP ERP · SAP/Kinaxis/Blue Yonder/Manhattan o9 Ref-Model Familiarity · IBP · Demand Planning · Supply Planning · Data Mapping · Functional Design (BRD/FSD) · Solution Design · API & REST Integration · IIoT Systems · PLC Systems · Python · MATLAB · Excel VBA · Power BI · CAD · SolidWorks
- **Blog/Website** <https://pb-stack.github.io/>