

Contact

F-341, Industrial Area. Phase VIII-B.
S A S Nagar, Mohali (PB). 140308
+91 96866 83783 (Mobile)
amarpreet41@gmail.com

www.linkedin.com/in/amarpreet41
(LinkedIn)
singhamarpreet.com/ (Personal)

Top Skills

Electronics Manufacturing
Cross-Functional Team Building
New Product Qualification

Languages

Punjabi (Native or Bilingual)
English (Professional Working)
Hindi (Professional Working)

Publications

The Art Of Building TEAMS

Amarpreet Singh

Founder @ Zenaca Consulting | Greenfield Manufacturing
Operations | Plant Turnaround | SMT Expert | Electronics
Manufacturing Consultant | EMS Factory Setup |
Bengaluru, Karnataka, India

Summary

As the founder of Zenaca Consulting since April 2022, I help global clients set up and grow their manufacturing operations, and source various components for their products. With over 27 years of experience in manufacturing and operations, I have a proven track record of delivering world-class results for customers across various industries, including UAVs, defence, aerospace, and medical.

My core competencies include process improvement, manufacturing operations, electronic manufacturing services, supply chain optimization, quality systems, and business continuity planning.

I also have a strong background in leading green field projects, managing complex programs, establishing high-performing teams, and creating interactive user onboarding and after-sales service systems.

My mission is to drive manufacturing excellence for my clients.

Experience

Zenaca Consulting

Founder

April 2022 - Present (2 years 10 months)

India

At Zenaca Consulting, we work with customers to set up world class manufacturing operations for manufacturing electronics products.

ideaForge

Director Of Delivery Operations

August 2017 - October 2021 (4 years 3 months)

Navi Mumbai, Maharashtra, India

Set up world class Manufacturing and Delivery operations for best in class UAV's (Drones).

User onboarding using Interactive Electronics Training Modules (iETM)

After sales service support operations set up covering 24X7 Support for customers across India.

Established a very high performing young and energetic team for Delivery operations

World Class Manufacturing Processes Established Covering

Demand Management

Material and production planning

Supply chain optimisation

Quality systems

Business Continuity Plan for Delivery Operations

and many more....

Centum Electronics Ltd.

7 years 11 months

Senior Manufacturing Manager

October 2014 - August 2017 (2 years 11 months)

Bengaluru, Karnataka, India

Operations Leader for 50M\$ EMS Business

Shop floor leadership covering production and manufacturing engineering (Test Engineering, Process Engineering, Equipment Engineering, Industrial Engineering).

Program Leadership, working with world class customers like ABB, GE, Thales, Rafael, L3 and many more.

Set up internal business processes for world class EMS operations, with new business setup for Defence , Aerospace and Medical customers.

Green field project set up within 14 months, covering product transfer for very challenging Medical, Defence and Aerospace customers.
Established a very high performing team, achieving break through results while managing world class customers.

Manufacturing Manager

October 2009 - September 2014 (5 years)

Bengaluru, Karnataka, India

Shop floor leadership for 400+ associates covering, high volume low mix, complex PCBA and box build assemblies.

Business processes established for production, planning, customer satisfaction and new product qualifications.

Lean Culture, Single piece flow lines, Kaizen, Business excellence and total employee involvement developed as a way of working on the shop floor.

Flextronics International

Engineering Manager

January 2008 - October 2009 (1 year 10 months)

Penang, Malaysia

- Engineering Lead for Large and complex PCB assemblies , serving Cisco product lines.
- Product qualification while transitioning to lead free assemblies.
- New product qualifications

Vista Point Technology (Component Division of Flextronics International)

Global Manufacturing Manager

August 2004 - September 2007 (3 years 2 months)

- Global manufacturing leader for camera module operations, producing >3M camera modules / month.
- Manufacturing leadership for two sites in each one in China & Malaysia.
- Production processes established & optimised between both manufacturing sites.
- Developed fully automatic backend line for camera module focus testing, functional testing and packing. This fully automatic line brings VPT at par with its competitor to win largest mobile phone manufacturer as a new customer.
- COB Equipment automation: Lead COB lines conversion to fully automated inline to provide better clean room environment for camera module manufacturing at VPT Zhuhai.
- Productivity improved by 31% with conversion to inline and process improvement.

- Equipment automation played a pivotal role in winning business for mobile phone camera module manufacturing for world's largest mobile phone manufacturer.
- Key member of Agilent business acquisition team.
- Lead capacity and knowledge transfer for camera module manufacturing from Agilent.

Deltron Limited

Production Lead

January 1999 - August 2004 (5 years 8 months)

- Line setup at new plant: Setup PCB assembly line for automotive assemblies at new manufacturing facility in SAS Nagar, Mohali using flow technology. This includes facility readiness; process equipment set up, Internal & customer buy off . Hired 120 direct and 30 indirect staff to support operations at new facility. Delivered 3 Crore revenue from this plant during first year.

- Product costing: Costing for new products covering direct material, indirect material, and manufacturing & development costs. Developed actual costing module for Deltron limited considering Indian localized customs and taxation guidelines.

- ERP Implementation: Key user for Inventory module during Baan (B4c4, IN4) implementation in Deltron limited. Go live within 6 months with minor customization on the standard package. Lead post implementation functional support for whole plant for Inventory, manufacturing, QMS, sales, purchase and India localization. Designed immediate work around for VAT, Developed custom reports for operations support, implemented user control (Auto cut off) to optimize users license. Reported 33 software bugs to Baan and got resolutions accordingly. As on today, senior member of www.baanboard.com.

Continental Device India Ltd. (Deltron Limited, EMS Division)

Manufacturing Engineer

January 1994 - September 1998 (4 years 9 months)

- Production Lead : Running production for CDOT assemblies, leading team of 50+ production associates on the shop floor. Achieved 100% weekly delivery linearity, simplified stores to line transactions through ERP. Achieved product defect rate <2%. No major NC reported during internal & external audits.

- Product Engineering: Designed assembly and testing line layout for CDOT based power supply (PSU-6 and PSU-9), Reduced Testing cycle time by 30%

though automated test station for loop current measurements; Successfully implemented Fox-pro based Inventory & WIP Module in modality; Streamlined ECR process to improve change process.

- New Products & Transfers: Successfully launched 3 new products (PSU9, TIC10 and CCM9). Completed all milestones on time with 100% part, process & performance qualification; Trained all production associates on new process; Set up U cell lines to optimize productivity. Products ramp up within 6 weeks of qualification.

Education

Punjab Technical University

Diploma in Electronics & Communication Engineering, Electronics and Communications Engineering · (1990 - 1993)

souther pacific University

Master of Business Administration (MBA), Operations Management and Supervision · (2006 - 2007)

Panjab University

B.A., Humanties · (1999 - 2002)