

# Resume

## Personal Details

Parth Bommakanti

## Profile

- A highly skilled, high performing process and problem solving professional.
- Extensive experience in **Lean and Six Sigma** methodologies with a passion for teaching, coaching and mentoring in the practical application of these processes.
- Energised by developing the abilities of individuals and teams to successfully apply these methodologies in organisations.

## Key Leadership Attributes and Skills

- Highly developed analytical ability
- Thorough understanding and internalisation of **Six Sigma, Quality and Lean** Principles
- Excellent Teaching, Coaching and Mentoring abilities
- Listening / Rapport building
- Business Acumen and ability to effectively work with multiple levels within an organisation
- Passionate about developing teams and individuals with 18 years of leadership experience
- Extensive Project and Change Management experience
- Courage and Drive for Results – “What does it Take” attitude
- Excellent Written and Oral Communication Skills

## Qualifications

- Cert IV in Training and Assessment (TAE40110) – July, 2011
- Master Black Belt (Level 2) – Six Sigma, Ford Motor Company, 2005/6 (Level 1 / 2)
- Six Sigma Black Belt – Ford Motor Company, 2004
- Course work for Master of Eng’g, Advanced Manufacturing Technology (RMIT)
- Bachelor of Engineering, Mechanical Engineering, Monash University, 1987

## Career Summary

Position	Division	Type of Role	Period
General Manager, Engineering and Business Systems (SWSA)	Engineering	Project Management, Change Management	2.2 years
Quality Manager (SWSA)	Engineering and Business Systems	Lead on Quality Assurance and Business Improvements	10 months
Prototype Planning and Build Manager (Ford)	Product Development	Change Management / Lean process development	1.5 years
Master Black Belt (Level 2) / Black Belt Supervisor (Ford)	Manufacturing	Teaching, Coaching, Mentoring (Lean / 6 Sigma)	3 years
Corporate Customer Satisfaction and Quality Manager (Ford)	Quality	Country Leader for Quality at Ford Aust.	2.5 years
Engineering Supervisor (Ford)	Manufacturing	Change Management	2 years
Superintendent, Trim Lines (Ford)	Manufacturing	Production Management	2 years
Quality Certification Coordinator	Quality	Change Management	1 year
Manufacturing Systems Engineer (Ford)	Manufacturing	Lean Implementation; Problem Solving / Change Coordination	4 years

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### **Current Employment: Director at Process Potential Solutions Pty Ltd**

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June 2011 – Current

Training, Coaching, Business Optimisation with Vative Pty Ltd (Competitive Manufacturing, Process Manufacturing, Transport and Logistics, Business)

Business Development and software technology solutions / personal coaching and mentoring.

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### **Employment History – SWS Australia Pty Limited (SWSA)**

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SWS Australia is a subsidiary of the global Sumitomo Electric Industries group. SWS Australia designs, manufactures, assembles and supplies Automotive Electrical and Electronic components to OEMs in Australia.

**March 2009 – May 2011**

#### **General Manager – Engineering and Business Systems**

##### Responsibilities:

- Lead a team of 40 Engineers to design, develop and deliver Electrical and Electronic components for the automotive industry.
- Plan and execute the delivery of Electronic modules of very high complexity to a condensed customer development timeline.
- Direct report to Managing Director on Engineering and Business Systems including OH&S, Quality, Environmental, Information and Security Systems.
- Manage a significant Development cost budget and contribute to Company P&L efforts.

##### Achievements:

- Successfully led a complex Engineering project to meet customer gateways. Achieved the highest level of complexity in the history of Sumitomo Electric Industries.
- Successfully consolidated Programs Management role, Quality Assurance role with Engineering GM role – significant annual savings to expense budget.
- Coached highly motivated / technical Engineers to act as a team and derive pride in achievement (encouraged and achieved a “What does it Take” mentality)

**April 2008 – Feb 2009**

#### **Quality and Business Improvements Manager**

##### Responsibilities:

- Lead the Customer Quality and Supplier Quality activities at SWSA.
- Deliver Quality disciplines to Customer Quality milestones and requirements
- Streamline Quality processes and develop “Quality Excellence” mindset within SWSA
- Consolidate Quality and Business Improvements areas and set up key processes for Continuous Improvement.

##### Achievements:

- Improved morale and team work in QA team
- Reduction of Customer and Warranty defects by 34% using “Quality at the source” mindset (driving defects out at the earliest upstream process area).
- Reduction of warranty cost for SWSA through rigorous analysis of defects and effective Supplier management
- Set up a KPI driven scorecard system for SWSA – improved visibility of concerns from all functional areas and their effect on Company level scorecard.

## Employment History – Ford

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**April 2006 – March 2008**

**Prototype Planning and Build Manager – Advanced Products**

Responsibilities:

- Coordinate test requirements for global light commercial vehicle Program
- Design and Implement **lean** processes to achieve key strategic Program milestones
- Determine Prototype Build strategy including Material Planning and procurement
- Plan and Execute physical Prototype Build for 3 prototype phases (coordinated multiple vehicle build)
- Manage significant material operating budget
- Coordinate complex global logistics for Program

Achievements:

- Designed and Implemented unique **lean** processes for execution of Prototype Build responsibilities
  - Documented complex specification document for prototype build (first in Ford world)
  - Successfully managed program benchmarking vehicle fleet and global parts
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**June 2003 – April 2006**

**Master Black Belt (Level 2) and Black Belt Supervisor**

Responsibilities:

- Delivery of “**business critical**” **Six Sigma / Lean** Projects
- Delivery of 6-Sigma KPI’s for Ford Australia
- **Teaching** Black Belt candidates Six Sigma Academy material
- **Coaching and Mentoring** 26 Black Belts / Black Belt candidates (multiple Departments)
- Leadership / Direct Supervision responsibilities for 9 Black Belts (Assembly Plant) and 6 Data Analysts
- 6 Sigma consultant to Ford Australia Manufacturing division
- Assessment of Black Belt projects for project closure

Achievements:

- Set up dedicated customer focussed Quality Data Analyst roles to “convert customer symptoms to failure modes” for the Quality organisation at Ford Australia.
  - First Black Belt / Master Black Belt at Ford Motor Co to integrate Master Black Belt function with direct Supervision of Black Belt and other employees
  - Recognised for leading the integration of Six Sigma in daily operational problem solving (by bringing Six Sigma to shop floor employees in a usable form)
  - Coached and managed Black Belts to deliver in excess of 50 projects over 3 years (including “**Lean 6-Sigma**” projects); Net cost savings over 3 years in excess of USD 6m;
  - Training Delivered: 2 Black Belt Technical Training classes (30 BB candidates, over 100 hours); “Black Belt Leadership Training” (3 days, 20 hours); “Train the Trainer” course – training Black Belts to deliver Green Belt training (40 hours); 5 Green Belt training classes (over 85 Green Belts, at all levels of the organisation).
  - First in Ford Australia to analyse the link between customer demographics and perceived vehicle quality levels.
- Examples of Six Sigma projects on next page -

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Examples of Six Sigma / Lean Projects:

Project description	Key Tools used	Value to Ford
Understanding perceived quality differences between key Ford vehicle models (Business / Quality – DMAIC)	Process Mapping; CTQ definition; MSA; Hypothesis testing; Multiple Regression; Graphical Analysis.	Critical understanding of drivers of Quality and customer satisfaction
Reduce errors in parts delivery to customer orders (Lean – Six Sigma – DMAIC)	Current State mapping; Work Station layout; Work Balance Boards; C&E Analysis; 5 S; Visual Factory; Hypothesis Testing; Error Proofing; Waste Elimination	Defect Rate reduction of 48%; Customer Satisfaction; cost savings of USD43k p.a.
Re-design Processing of injury claims in a self insured environment (not related to medical treatment of injuries) (Business / Cost – DMAIC)	Process Mapping; Brainstorming; Benchmarking; Current and Future State Mapping; Cost Benefit Analysis; Control Plan implementation	Simpler process flow for handling claim types; net profit increase of USD 1.2m p.a.
Elimination of Failure mode (excessive noise) in vehicle sub system (Technical / Customer Satisfaction and cost)	CTQ, Process mapping; Critical-x cascade; C&E Analysis; MSA; FMEA; Experimental Design; Hypothesis Testing;	Warranty Cost savings of USD 58k p.a.; significant Customer Satisfaction improvement
Other: Considered a subject matter expert in Statistical Process Control and Monitoring methods.		

**December 2000 – May 2003**

### **Corporate Customer Satisfaction and Quality Manager**

Responsibilities:

- Report to the Ford Australian Operating Committee on Customer Satisfaction and Quality
- Create and lead Ford Australia's Customer Satisfaction and Quality Vision, Strategy, Targets and Processes; Lead the delivery of strategy.
- Cascade Business Plan deliverables to Divisions with Functional Vice Presidents
- Manage the Company's Quality Certification program (ISO 9001, QS 9000)
- Lead the commissioning and analysis of Market Research data as related to customer perception
- "Convert Customer expectation to SMART Company Goals"

Achievements:

- Historical best quality and customer satisfaction ratings for Falcon vehicle line (measured via syndicated market research)
- Championed the resolution of key customer concerns to deliver business plan KPIs (resulting in net reductions of "Cost of Poor Quality" by A\$10m p.a.) – Enabled extensive **Six Sigma** implementation
- Developed an educational package and workshop material to help shop floor employees to relate to customer expectation of Quality.

**January 1999 - December 2000**

### **Engineering Supervisor – Broadmeadows Plant Vehicle Team**

Responsibilities:

- Manage current model (Falcon and Ute) vehicle line engineering changes in Manufacturing
- Coordinate the launch of minor and major launches in all Plants (model "freshening")
- Key vehicle / assembly Engineering resource for Production areas

Achievements:

- Managed the safe implementation of significant Engineering changes in Production
- Lead cost reductions in excess of A\$250k p.a.
- **Proud to have run the "Car the Kids Built" Program – Ford 75th Anniversary employee recognition event. Ultimate proceeds to Variety Club (children's charity). Involved 450 children of Ford Australia employees over a 4 month period.**

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**December 1996 - December 1998**

### **Superintendent (Production Manager) – Trim Lines – 350 employees**

#### Responsibilities:

- Manage the production of daily vehicle schedule in a safe and lowest cost environment while delivering weekly Quality improvements; implementing **lean** improvements
- Coordinate the "return to work" of injured and rehabilitating workers

#### Key Achievements:

- Achieved the "President's Safety Award" for the area - greater than 10% improvement (YoY) in 3 OH&S metrics.
- Managed the return to full time work of over 25 workers who were on "long term restricted duties"
- Achieved a minimum of **10% YoY improvement in Quality and Yield**.
- Achieved a **10% YoY reduction in labour requirements** using **Risk Assessment and Lean Principles**.

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**December 1995 - December 1996**

### **Quality Certification Coordinator, Ford Australia**

#### Achievements:

- ISO 9001 Certification for Ford Australia Assembly Plants (all 3) and Head Office Operations. Includes Production / Engineering areas, Purchasing, HR, Sales, Material Planning and Logistics and Quality functions. No major concerns raised on first external audit (LRQA).
- Successful "Q1" recertification for Broadmeadows Assembly Plant.

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**1990 – 1995**

### **Manufacturing and Process Systems Engineer – Trim / Final Assembly areas**

#### Achievements:

- Manufacturing coordinator; "Team Leader" for Exterior Systems and mechanisms – quality data analysis, resolution of customer quality concerns using rigorous "8D" methodology.
- Leading and Implementation of **Lean improvements** across manufacturing processes
- Received Ford International "Customer Drive Quality Award" – resolution of significant customer concerns – savings in excess of A\$500k
- Extensive application of Risk Assessment, **Lean (Industrial Engineering and Quality principles)**.

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### **(Non-Ford Related)**

- 1993 / 1994 - Director of Assembly Engineering Investments Pty Ltd. (Investment Company – Director in charge of Accounts)

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## **Short Courses, Programs**

"Accounting for Managers	2008
"Respect in the Work Place" (Leader Teacher)	2006
Ford Leadership Training Program	2005
6 Sigma Master Black Belt Trg.	2005
Lean Leadership Academy	2005
6 Sigma Black Belt Training	2003
6 Sigma Green Belt Training	2001
Ford "New Business Leader"	2000
Global 8D training course	1997
ISO 9001 Lead Assessor Trg.	1996
Supervisory Leadership Training	1996
Influence Practices Workshop	1995
Ergonomics Workshop (B. Joseph)	1995
Continuous Improvement (Lean)	1995
OH&S Course	1993
Product Quality / Design of Expts.	1990
Industrial Engineering (incl. process redesign)	1988
Ford Graduate Training Program	1988/89

Computer Competencies: Minitab (Advanced User)  
MS PowerPoint / Excel / Word (Advanced User)  
MS Project

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### Other Studies:

Introduction to Allen Bradley PLC 5 1989  
Intensive short course in Robotics 1986  
Fitting and Turning Workshop Training 1982

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### Interests, Activities

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- Have been involved in Corporate Citizenship activities since 1999 – including assistance to Broadmeadows Housing Estates residents, represented Ford Motor Co at various community events.
- Cycling – aim to complete the "Round the Bay" event
- Captain of Indoor Cricket Team at Monash University (13 seasons – 3 premierships)
- Hobbies include gemstone collection, table tennis and magic (**Prestidigitator**)

**Referees:** Contact Details provided upon request.