

ATUL DESHMANE

1155 N State St. Suite 424, Bellingham WA 98225 | Office 360 306 5331 | Cell 360 398-8392 | etransit@comcast.net

Hybrid Energy Storage Technologies, Biomass Fuels, Product Planning, Development, Execution, Startup Expertise

Education

BS, Electrical Engineering
University of Missouri-Rolla |
1989
GPA 3.3/4.0

Graduate Coursework –
Industrial Engineering
University of Michigan-Ann
Arbor

Marketing Skills

Proposal Development,
Market Segmentation, Market
Analysis

Quality Skills

DOE, QFD, ISO 9000, SPC,
Gauge R&R, Measurement
Uncertainty, Supplier
Management, APQP, QS
9000, ERP

Process Improvement & Problem Solving Skills

SIT, TRIZ, TOC

Engineering Skills

FMEA, 8D, Robust Design,
Reliability, Requirements,
Specification, Design
Verification, Production
Validation

Language Skills

Marathi, Hindi, German

Profile

Atul Deshmane, is experienced in all stages of company development in the clean energy industry sector. Mr. Deshmane has performed numerous innovative studies where a problem statement was incomplete. Energy storage remains a largely under exploited opportunity that enables renewable energy by dramatically increasing energy efficiency. Mr. Deshmane is very passionate about leading edge technologies and their proper assessment in order to help organizations properly plan their development. Mr. Deshmane, has worked with small and large business, local governments, and non governmental organizations.

Experience

Whole Energy Fuels 2004 – Present

President

Lead first company to produce biodiesel to ASTM standards in the Pacific Northwest. Lead world-class team to achieve positive cash flow in three-years with \$1 MM/mo sales.

eTransIT Solution Inc. 2000 – Present

President

Supporting early stage clean energy companies (<http://www.etransitsolutions.net/>). Provide product strategy, planning, process, development, and testing support. Co-developer of AFST Extreme Hybrid™ seminal patents plug-in-hybrid electric vehicle.

Clean Energy Fuels Inc. 2001- 2003

Director of Technology Advancement

Developed strategy and business plan for hydrogen energy business. Successfully oversaw development of 10,000 psi hydrogen fueling station.

Azure Dynamics Inc., 2000-2001

Director of Produce Development

Lead a team of 10 engineers to successfully deliver a series hybrid prototype delivery truck. Lead development of business plan, product development plan, and \$8M facilities plan.

Ballard Power, Ford motor Company 2000- 2001

Resident Engineer

Proposed, led development and achieved approval of \$10 M budget for CY2001. Provided critical support in design verification and design release of fuel cell.

Ford Motor Company 1999-2000

Fuel Cell Business Planning

Led an accelerated development of fuel cell vehicle kick-off and business plan. Kick-off process served as basis for a 5 year \$.5B development program.

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Ford Motor Company 1998-2000

Technology Development Manager

Led Alternative Fuel Vehicle (AFV) Advanced Technology Planning Efforts. Delivered advanced technology business plan for 1998, 1999 CY.

Ford Motor Company 1997- 1998

Process/Quality Engineer

Led Departmental Quality System – this was a key promotion in authority/responsibility. Delivered Statistical Uncertainty Calculations for all departmental (87) measurement systems.

Ford Motor Company 1994 - 1997

Development Engineer

Led Development for modeling of powertrain driveability algorithms for Ford. Resulted in approval of \$100 m facility known as DTF (now managed by Sverdrup)