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# Ilhaan Patel



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## PROFILE

Experienced Global Senior Product Portfolio Design Engineer with 13 years experience in the product design sector and 5 years direct management experience.

Design ethic of elegant, yet effective design, sharp eye for details on identifying current and future product market requirements, also with a high emphasis on team work and multi-divisional cohesion to achieve company goals.

Successfully fulfilled the responsibility and demands of my role as a senior designer. My passion and skills have enabled me to effectively lead a full product life cycle from conceptual to overseas off shore production.

My focus is bringing innovation and culture together and understand the necessity of exceeding customer expectations, identify a customer's distinct needs and deliver solutions effectively.

Aspirations of moving into senior management in order to have a greater positive influence within the business.

## Key Strengths

- Sharp eye for detail within innovative design
- Expert in product market requirements
- Lead by example leadership style

## Education

- Diploma in Design, Unitech Auckland New Zealand
- Degree in Product Design, Unitech Auckland New Zealand
- Bachelor of Design Major in 3D Design, Unitech Auckland New Zealand

## EMPLOYMENT HISTORY

Dexion Australia PTY LTD, Sydney

May 2010 – Dec 2018

Global Senior Product Portfolio Design Engineering

### Main Responsibilities:

- Identify global product range weaknesses and future market demand.
- Manage design team.
- Develop new products to address the issues and future proof the business on potential market change, in collaboration with Engineering and Marketing teams.
- Current product range optimization via cost reduction or increased load capacity.
- Investigate quality issues.
- Innovating design, addressing various technical requirements and company relationship management and negotiations on pricing with quality assurance agreements.
- Identify and implement product design requirements for Australia, New Zealand, South East Asia and China in which results in working closely within each region to address product design issues.

### Main Achievements:

- Optimize various industrial racking products with reduced steel in design but increased in load capacity due to connection upgrades (Keylock, S8).
- Spearhead from design concept to full production of robotic satellite rail racking system (Jumbo 808).
- Introduce various products from 3<sup>rd</sup> party suppliers and negotiate price to increase product range and increase company competitiveness.
- optimized bolts and fasteners for high volume industrial racking and working with the group procurement manager which saved 35% on pricing due to supplier consolidation.
- Rapid prototyping of the Ultima Lite commercial range for rapid implementation into the Australian market.
- Product manage implementation and be the technical leader in the introduction of Hi280 shelving from Germany.
- Provide technical product support for all regional product updates from 2010 to 2017.
- Build company relationship with 3<sup>rd</sup> party supplier and design quality assurance measures to ensure Dexion product produced from 3<sup>rd</sup> party suppliers are of high quality and defects are identified before shipping (Wu Xi Jing Ding).
- Project manage product testing, documentation and implementation to ensure market and program requirements are met.
- Innovate design of Cantilever racking with 12% reduced material cost without impacting load capacity.
- Oversee production and manufacturing drawings for the global product range.
- Participating in a culture that demonstrates our values including safety.

Main Responsibilities:

- New products 2D and 3d design.
- Improving existing product.
- Design and Estimator.
- Responsible for the research and development of the industrial product.
- Procurement of supporting product management documentation such as Design Manuals. Installation Manuals and User Manuals.
- Training of new designers on company design and processes.
- Managing production and manufacturing drawings for the global product range.
- Managing the Autodesk software system, containing the entire Dexion product range.
- Data management.

Main Achievements:

- Provide technical support to sales team and customer care department.
- Provide design support to sales team on product layout optimization.
- Industrial Designer Team Leader.
- Project manage major projects.
- Accomplished project management capability for the delivery of complex projects to meet strategic objectives.
- Promoted to Global Senior Product Design Engineer.

### SUMMARY OF SKILLS

Technical Skills	<ul style="list-style-type: none"><li>• Free hand drawing</li><li>• Drawing Skills of high standards</li><li>• Detailed knowledge of 3D rendering and modeling</li><li>• Strong Graphic and Design Skills</li><li>• Ability to adapt to any design work</li></ul>
Computer Skills	<ul style="list-style-type: none"><li>• Microsoft Office (Expert)</li><li>• Adobe Photoshop (Expert)</li><li>• Solid Works (Expert)</li><li>• AutoDesk Inventor (Expert)</li><li>• AutoDesk AutoCAD (Expert)</li><li>• AutoDesk Vault Management (Expert)</li><li>• Illustrator (Expert)</li></ul>
Personal Skills	<ul style="list-style-type: none"><li>• Excellent communication and personal skills</li><li>• Able to take the lead and contribute to the team effort</li><li>• Able to guide the team on achieving milestones and deadlines</li><li>• Great time management skills and hard worker</li><li>• Ability to work under pressure</li><li>• Expert in multi-tasking</li><li>• Expert at self-management and independent learning</li></ul>
Personal Achievements	<ul style="list-style-type: none"><li>• Winner of Best Design Award 2003 for X Climber Design</li><li>• Recognition in NZ Harold, Harbour News, Newspaper, Pro Design Magazine and Urbis Magazine for winning the Best Design Award</li><li>• Design Record label for NZ Band Nesian Mystik</li></ul>
Personal Interests	<ul style="list-style-type: none"><li>• Family, Friend &amp; Meeting New People</li><li>• Travel and Tourism</li><li>• Culture</li><li>• Achitecture, Design &amp; Drawing</li><li>• Automotive Design</li><li>• The Arts</li><li>• Rendering</li><li>• Product Design</li><li>• Inovation</li><li>• Furniture Design</li><li>• Sports</li></ul>

REFERENCE: AVAILABLE UPON REQUEST