

NIMISH BATRA

INDUSTRIAL DESIGNER

A young, enthusiastic and motivated designer and engineer, with over 2 years of industrial experience in FMCG and Automotive sector.



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Mumbai, India



www.nimishbatra.info



Education

Master of Design - Industrial Design

IDC School of Design, IIT Bombay

07/2016 - Present

Mumbai, India

Bachelor of Engineering Mechanical Engineering

Thapar University

2010 - 2014

Patiala, India

Work Experience

Senior Executive - Manufacturing Operations

L'Oreal India

07/2014 - 07/2016

India

FMCG/Hair Care/Manufacturing/Performance

- Managing operations for 10 automatic and semi-automatic cosmetic filling and packing assembly lines. Tracking and reporting monthly KPIs: OEE, losses, productivity and energy consumption. Sharing statistical gap analysis to identify critical issues.
- Performance improvement with OEE, productivity increase and loss reduction. Achieved improvement of 9% in OEE, 25% in Productivity and 13% in Loss reduction.
- Designing and floating Yearly Road Map for performance improvement projects. In-house project management related to performance. Implementation of Visual Management and Daily Management on shop-floor.
- Designing standards for critical operations to improve quality, safety, ergonomics and performance of production unit. Training of employees for these standard procedures.
- Short term planning of resources for seamless and optimized manufacturing. Vendor management for packing materials. Coordinating compatibility tests for new packaging launches.

Intern

Mahindra & Mahindra Automotive

01/2013 - 7/2013

Pune, India

Automotive Manufacturing/ Quality Control

- Lead the problem solving team for spongy brakes defect in Light Commercial Vehicle assembly line. Assembly workstation redesign.
- 80% defect reduction in 4 months observed
- 24 INR saved per vehicle cost due to modification and redesign of brake lining assembly and workstation
- 15% space saved on the shop floor with the new design

Skills

Solidworks



Fusion 360



KeyShot



Sketching



Manufacturing



3D Printing



Project Management



Rhino 3D



Analytics



Illustrator



Photoshop



Arduino



Prototyping



FEA



Achievements

Featured on designboom.com among Top 40 entries in LG OLED Design Challenge 2016 (01/2017)

Showcased in L'Oreal International Newsletter (2016)

- Design and implementation of Visual Management system in India plant showcased in the international newsletter
- Recognition from highest management for Visual Management and 5S in the plant

Manufacturing Excellence Award - L'Oreal Asia (08/2015)

- Represented India team at Manufacturing Excellence Day at L'Oreal Asia HQ in Shanghai, China
- Awarded the most profitable production unit in Asia

iMeche Formula Student UK - Silverstone F1 Circuit (7/2012)

- Top position among all Asian teams, 62 among all international teams
- In Top 10 for Business Presentation and Design Report

Languages

English
Expert

Hindi
Expert

Interests

Technology | Rapid Manufacturing | Consumer Electronics | IoT | Adaptive Furniture | Lifestyle | Music Production | Fitness & Healthcare | Photography | Typography