

RONAK TIWARI

1, Matru Bungalows, Opp. - Baroda Exp-Hwy/9426321548/ronaktiwariwork@gmail.com/[linkedin.com/in/ronak-tiwari/](https://www.linkedin.com/in/ronak-tiwari/)

EDUCATION

10/2020-Present	NATIONAL INSTITUTE OF TECHNOLOGY CALICUT M.Tech Industrial Engineering and Management
6/2014 – 6/2018	PANDIT DEENDAYAL PETROLEUM UNIVERSITY, Gandhinagar, Gujarat, India. <i>Bachelor of Technology, Industrial Engineering</i> CPI: 8.87/10 Silver Medal
3/2014	GUJARAT SECONDARY AND HIGHER SECONDARY EDUCATION BOARD <i>Best High/Higher Secondary School</i> Intermediate: 83.66 % (was among Top 1% in State boards)
3/2012	High School: 90.40 %

PROJECTS

12/2020-Present	<ul style="list-style-type: none">• A risk function approach to make policy decisions for reopening under COVID-19<ul style="list-style-type: none">– Independent Research project, trying to model a risk function, using policy decisions as decision variables and the objective will be to minimize this risk function. This is to try to look for a one stop value that describes the effect of policy decisions combined.
06/2018-07/2018	<ul style="list-style-type: none">• Kaggle - Home Credit Challenge, Titanic Challenge using R<ul style="list-style-type: none">– Took as a hobby project and did some data cleaning and simple model fitting using logistic regression, PCA etc.
04/2018 - 05/2018	<ul style="list-style-type: none">• Mars Home Planet 3D Modeling challenge<ul style="list-style-type: none">– Execution team performed design calculations and analysis for the concept of a future aerial vehicle, to travel on Mars.
01/2018 – 05/2018	<ul style="list-style-type: none">• L&T Technology Services– ‘TECHgium’ Competition<ul style="list-style-type: none">– Team Coordinator for Design and conceptualization of a HUD Interactive helmet for Two-wheeler Riders based on the concept of IoT.

CERTIFICATIONS

- Six Sigma-Green Belt (CBEPL, Vadodara)
- Design of Experiments, Indian Statistical Institute, Kolkata
- Supply Chain Digitization and Analytics (NITIE) (About to start)
- Qubit by Qubit (Quantum Computation) (Ongoing)

SKILLS

- Microsoft Excel, C++, Python, AMPL (Beginner)
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INTERNSHIPS

JBM AUTO LTD.

6/2017- 7/2018	<ul style="list-style-type: none">• Did Work Study for Press Workers and their methods• Tried finding the inefficiencies in current methods and suggested an improvement which could save them around 3 hours for a specific production Quantity.
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INTERESTS

- Operations Research, Supply Chain Management, Mathematics in general, Quantum Computation

ACHIEVEMENTS

- Reached, Spot the Einstein Contest, Grade IX, City Finals
- Was selected for SHE Scholarship under INSPIRE Scheme to pursue basic Sciences
- Top 15 finalists for '**BOSCH Inscribe 2016**', Bengaluru.
- Top 7 finalists out of 164 teams, at '**L&T Technology Services TECHgium 2018**', Bengaluru.
- Got a Pre-Placement offer from L&T Technology Services Ltd.
- Star of the Month – April 2019 – First time Right and Zero Defect (L&T TS)

COLLEGIATE CLUBS AND ACTIVITIES

- Participated in Social Media Marketing for PDPU Lit-fest, which sensed a reach of 3400 Facebook users within no time.
- Played a prominent role in the collegiate club '**Envirocrats of PDPU**'.
- Have been a part of different Event Execution Teams under different collegiate clubs which require good *adaptability and confidence*.
- Involved in, bagging sponsorships for college fests and events which require exceptional communication and persuasion.

EXPERIENCE

L&T TECHNOLOGY SERVICES LTD.

8/2019 – 8/2020

Engineer – Integrated Manufacturing and Supply Chain division.

- Design Process improvement, Design of Weld Fixtures
- Also did some process automation using VBA in SW

8/2018 – 8/2019

Associate Engineer – Integrated Manufacturing and Supply Chain division.

- Assisted in delivering Manufacturing Solutions.

HOBBIES

- Singing, Badminton

STRENGTHS

- Good at Presentations, Storytelling skills, Creativity, Adaptable to new environments

LANGUAGES KNOWN

- *Native Hindi, fluent English, fluent Gujarati*
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