



## Rasika Vipin Vibhute

**Birth date/place:** 09 Jan 1999, India

**Nationality:** Indian

### CONTACT

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### LANGUAGES

- Hindi, Marathi (Native)
- English (C1), German (B1)

### IT SKILLS

#### Programming & Analytics:

- Python & SQL (Advanced)
- HTML & R (Intermediate)

#### Libraries & Frameworks:

- Pandas & NumPy (Advanced)
- Matplotlib & Seaborn (Advanced)

#### Data Visualization:

- Power BI (Advanced), Tableau (Intermediate)
- Grafana (Beginner)

#### Analytics & Modeling:

- Machine Learning (Advanced)

#### Automation & Tools:

- VBA/Macros (Intermediate)
- Automation Anywhere (RPA) (Advanced)

#### Systems & Databases:

- MS SQL Server (Intermediate)
- Infor LN ERP (Intermediate)

### HOBBIES AND INTERESTS

City cycling, traveling, gardening

### ABOUT ME

Curious by nature and driven by impact, I specialize in turning data into actionable insights that improve systems and support smarter decisions. Currently pursuing a master's in Data Analytics & Decision Science, I bring hands-on experience in Python, SQL, and data visualization, with a strong interest in sustainability and energy tech. From automating workflows to building real-time dashboards, I enjoy solving complex problems and contributing to data-driven innovation.

### EDUCATION AND TRAINING

#### 1 Oct 2024 – Current

**M.Sc. Data Analytics & Decision Science** – RWTH Aachen University, Germany

- Built a strong foundation in machine learning, predictive modeling using time-series analysis, and heuristic optimization.
- Focused on translating complex data into actionable insights using Python and advanced visualization techniques.

**Project:** Logistics Network Optimization in collaboration with DHL Germany.

**Final grade:** 1.5

#### 30 Jan 2023 – 24 Jun 2023

**Training Program on AI, ML & IoT** – iHUB DivyaSampark, initiative by Government of India and IIT Roorkee, India

#### 1 Aug 2016 – 30 May 2020

**B.Tech. Mechanical Engineering** – College of Engineering Pune, India

**Thesis:** Design, Development & Analysis of Human Exoskeleton for Enhancing Human Capabilities.

**Publication:** 2021 IOP Conference Series

**DOI:** 10.1088/1757-899X/1012/1/012015

**Final grade:** 7.45 in India (i.e. 2.28 in Germany)

### WORK EXPERIENCE

#### Larsen & Toubro Limited (L&T) – Precision Systems & Engineering, India Assistant Manager (Data Analyst) – Supply Chain Management

**01 Sep 2021 – 31 Aug 2024**

- Built and deployed Power BI dashboards with 11,000+ quarterly views to monitor KPIs such as on-time delivery, payments, and spend analytics.
- Automated procurement workflows and built RPA bots, reducing non-value-added work by 10% per quarter.
- Developed Python-based predictive models for pricing and supplier evaluation.
- Created department-wide data awareness by conducting monthly training on analytics tools and digital workflows.

**Graduate Engineering Trainee – Supply Chain Management (Procurement)**

**05 Nov 2020 – 31 Aug 2021**

- Managed procure-to-pay cycles for hydraulic systems, gaining practical experience in vendor analysis, logistics, and cost control.

Aachen, 18 Jul 2025

RASIKA VIPIN VIBHUTE