

Ishika Rathod

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EDUCATION

Dr. Vishwanath Karad MIT World Peace University, Pune, India **Expected Graduation: June 2025**
Bachelors of Technology in Computer Science Engineering | CGPA: 8.81/10
Coursework: Algorithms and Data Structures, OOP, Data mining and analytics, Machine Learning, IOT, Operations Research

Delhi Public School, Pune, India **June 2021**
High School- 12th | Score: 93.4%
Subjects: Physics, Chemistry, Mathematics, Computer Science.

WORK EXPERIENCE

ShipDelight Logistics Technologies **Remote**
Intern - Technology **Jan 2025 - Present**

- Unlocked strategic insights from 940,000+ shipment records, optimizing partner selection to maximize cost-efficiency and delivery success across nationwide operations
- Architected predictive models on logistics timelines, slashing forecasting errors and accelerating delivery time precision by 15%, fuelling operational excellence

Zymr Systems Pvt. Ltd **Pune, Maharashtra**
Data Science Intern **June 2024 - Dec 2024**

- Orchestrated the development of predictive sales models and interactive Power BI dashboards, amplifying forecasting precision by 10% and catalyzing 3 high-impact strategic initiatives
- Pioneered a next-generation recommendation engine leveraging Large Language Models (LLMs), fueling a 10% surge in user engagement and redefining customer experience standards
- Mobilized cross-functional teams to operationalize data-driven insights globally, accelerating international business growth and elevating executive decision-making across key markets

ACADEMIC PROJECTS

Enhancing Nursing Documentation Using LLM and Speech-to-Text Technology

- Engineered an advanced nurse documentation system using OpenAI's LLM technology that generates SOAP, BIRP, and DAP notes with 99.8% time reduction compared to manual documentation
- Developed dual-input functionality enabling both voice and text entry, achieving 94% clinical equivalence rating between modalities while maintaining exceptional accuracy

Texas A&M University **Texarkana, Texas**
International Summer Immersion Program **June 2024- July 2024**

- Competitively selected from 150+ applicants for a prestigious 3-week research program
- Spearheaded the development of a predictive risk assessment model for aviation turbulence and accident severity, applying CNN and SVM algorithms to enhance operational safety forecasting
- Achieved 90.04% model accuracy, demonstrating advanced analytical capabilities, risk mitigation strategy development, and data-driven decision-making under high-stakes conditions

Cyberbullying Detection using ML

- Directed a 5-member team to design a cyberbullying detection solution, applying sentiment analysis to uncover hidden emotional patterns and inform actionable intervention strategies
- Benchmarked 5 machine learning models, driving over 85% detection accuracy and delivering a scalable framework for real-time risk identification and decision-making

EXTRACURRICULAR ACTIVITIES

- **Computer Society of India, MIT WPU** — Drove 4+ campus events, sharpening communication, leadership, and teamwork skills
- **NLC Bharat** — Coordinated lodging for 65+ dignitaries, ensuring flawless accommodations and high-level service delivery
- **Arise Vishwa Society** — Led daily employment surveys in underserved communities, uncovering 10+ key job opportunities to enhance local access

SKILLS

- **Data Analytics & Insights:** Statistical Modelling, Quantitative Analysis, Data Visualization (Power BI, Tableau, Matplotlib), Predictive Analytics
- **Business Strategy Tools:** Forecasting Models, Market Trend Analysis, Strategic Problem-Solving, Decision-Making Support
- **Technical Proficiency:** Python, MySQL, SQL for Business Analytics
- **Communication & Leadership:** Cross-Functional Collaboration, Executive Communication, Strategic Storytelling, Team Leadership
- **Languages:** English (Full Professional Proficiency), Hindi (Native), German (A1–A2 Level)