

VIDIT RASTOGI

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Education

Vellore Institute Of Technology, Bhopal(Pursuing) <i>B.Tech Computer Science and Engineering</i>	2022 - 2026 CGPA: 8.29/10
Maharaja Agarsain Public School, New Delhi, India <i>12th (CBSE)</i>	2021 - 2022 80.33%
Maharaja Agarsain Public School, New Delhi, India <i>10th (CBSE)</i>	2019 - 2020 71.40%

Experience

Thinking Hats Entertainment Solutions Limited, India <i>Software Engineer Intern</i>	May 2025 – June 2025
<ul style="list-style-type: none">Engineered and streamlined backend database systems to support internal analytics tools and improve overall data handling efficiency.Collaborated with a cross-functional tech team to analyze system bottlenecks and optimize SQL queries, improving performance through structured diagnostics and iterative development.Achieved a 3% improvement in data retrieval speed, directly enhancing tool responsiveness and contributing to improved internal workflow reliability.	

Projects

VentureVision <i>Python, Pandas, Matplotlib, Random-Forest, Scikit-Learn</i>	Mar 2025 – April 2025
<ul style="list-style-type: none">Conducted comprehensive market research on 6,000+ startups across multiple sectors and funding stages.Applied data analytics and predictive modeling (Random Forest, Python, Pandas) to identify key drivers of startup success.Delivered strategic insights with 94% prediction accuracy, enabling more informed investment and growth decisions.	
Flight-Mundus <i>Python, Pandas, Matplotlib, XGBoost, Scikit-Learn</i>	Feb 2025 – Mar 2025
<ul style="list-style-type: none">Investigated operational inefficiencies by analyzing 484,000+ flight records covering routes, schedules, and weather.Designed a predictive model using XGBoost and performance metrics to highlight delay risk factors.Provided actionable insights with 92% accuracy, supporting operational strategy, risk mitigation, and efficiency improvements.	
GlycoVision <i>Python, Pandas, OpenCV, Inception V3-ResNet</i>	Jan 2025 – Feb 2025
<ul style="list-style-type: none">Researched diabetic retinopathy patterns to address a critical healthcare challenge.Integrated advanced AI (Inception-ResNetV2, OpenCV) with structured data analysis to classify medical risk severity levels.Developed a scalable decision-support tool with 79% accuracy, demonstrating potential for strategic healthcare planning and patient risk assessment.	

Technical Skills

Skills: Data Structures and Algorithms, OOPS, Machine Learning, Cross-team Collaboration, Data-driven Decision Making, Market Research
Languages: Python, SQL
Technologies/Frameworks: Git/GitHub, Pandas, Numpy, Scikit-Learn, Matplotlib, MySQL, Streamlit, AWS(Basic), Hubspot (basic familiarity), AI Automation Apps (ChatGPT, Claude), Excel

Extracurricular

Software Development Club, VIT <i>Side Core Committee Member</i>	Sep 2023 - Oct 2023 VIT, Bhopal
<ul style="list-style-type: none">Facilitated member participation, contributed to the editorial work, supported code development, and volunteered at various events.	

Certificates

- Artificial Intelligence (Google)
- Blockchain Developer (IBM)
- Free Crash Course in Machine Learning
- The Bits and Bytes of Computer Networking (Google)