

# VIDIT RASTOGI

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## Education

<b>Vellore Institute Of Technology, Bhopal(Pursuing)</b> <i>B.Tech Computer Science and Engineering</i>	<b>2022 - 2026</b>
<b>Maharaja Agarsain Public School, New Delhi, India</b> <i>12th (CBSE)</i>	<b>CGPA: 8.25/10</b> <b>2021 - 2022</b> <b>80.33%</b>
<b>Maharaja Agarsain Public School, New Delhi, India</b> <i>10th (CBSE)</i>	<b>2019 - 2020</b> <b>71.40%</b>

## Experience

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

## Projects

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

## Technical Skills

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

## Extracurricular

<b>Software Development Club, VIT</b> <i>Side Core Committee Member</i>	<b>Sep 2023 - Oct 2023</b>
<ul style="list-style-type: none"><li>○ Designed and executed engagement strategies to increase member participation, driving higher involvement in events and workshops.</li><li>○ Supported strategic planning and execution of club activities by aligning editorial, technical, and event-management efforts with the club's growth objectives.</li></ul>	
<i>VIT, Bhopal</i>	

## Certificates

- [Application Integration Professional \(Oracle\)](#)
- [Artificial Intelligence \(Google\)](#)
- [Blockchain Developer \(IBM\)](#)
- [Free Crash Course in Machine Learning](#)
- [The Bits and Bytes of Computer Networking \(Google\)](#)