

VIDIT RASTOGI

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Education

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

Experience

Thinking Hats Entertainment Solutions Limited, India	June 2025 – July 2025
<i>Software Engineer Intern</i>	
<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	Mar 2025 – April 2025
<i>Python, Pandas, Matplotlib, Random-Forest, Scikit-Learn</i>	
<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	Feb 2025 – Mar 2025
<i>Python, Pandas, Matplotlib, XGBoost, Scikit-Learn</i>	
<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	Jan 2025 – Feb 2025
<i>Python, Pandas, OpenCV, Inception V3-ResNet</i>	
<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	Sep 2023 - Oct 2023
<i>Side Core Committee Member</i>	<i>VIT, Bhopal</i>
<ul style="list-style-type: none">Designed and executed engagement strategies to increase member participation, driving higher involvement in events and workshops.Supported strategic planning and execution of club activities by aligning editorial, technical, and event-management efforts with the club's growth objectives.	

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)**