

Jonathan T Vinu

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SKILLS

- **Languages:** C++, JavaScript, Python,
- **Frameworks:** Angular, NodeJS, React JS, Git, Kali Linux
- **Tools/Platforms:** MySQL, MongoDB
- **Soft Skills:** Team Player, Project Management, Adaptability

EXPERIENCE

Outlier AI Freelance AI Contributor	Dec 2024– Feb 2025
<ul style="list-style-type: none">• Trained AI models to detect patterns and improve prediction accuracy.• Reviewed AI-generated outputs for contextual accuracy and relevance.• Moderated and curated datasets to ensure quality, consistency, and integrity for AI training.	

PROJECTS

Customer Churn Prediction Python, Pandas, Matplotlib, Seaborn, Tableau	Oct 2024 – Present
<ul style="list-style-type: none">• Built ML models (Logistic Regression, Random Forest) to predict churn with up to 89% accuracy.• Cleaned and processed 5,000+ customer records; identified key churn drivers via EDA.• Fine-tuned models using GridSearchCV to improve precision and recall.• Designed a Tableau dashboard that improved stakeholder understanding of churn risks.	
Smart Agriculture System Python, Streamlit, Machine Learning	Nov 2023 – Mar 2024
<ul style="list-style-type: none">• Developed an AI-powered system recommending crops based on weather, soil, and fertilizer needs.• Built a real-time Streamlit UI for interactive, farmer-friendly insights.• Improved crop yield prediction accuracy by ~85%, aiding smarter agricultural planning.• Enhanced decision-making for farming practices through data-driven recommendations.	

CERTIFCATIONS

• Supervised and Unsupervised Learning (Coursera)	Feb-April'25
• Cloud Computing (NPTEL)	July - Dec'24
• Data Structures and Algorithm in CPP (Board Infinity)	Jun-Aug'24
• Artificial Intelligence & Machine Learning (LinkedIn)	Dec'22-Feb'23

ACHIEVEMENT

Organized National-Level Tech Events:	Sep 2024
<ul style="list-style-type: none">• Successfully hosted events with 1,000+ attendees at Lovely Professional University, showcasing strong leadership and event management skills.	
Smart India Hackathon Finalist:	Aug 2023
<ul style="list-style-type: none">• Reached the finals of Smart India Hackathon 2023 for an innovative tech solution addressing real-world challenges.	
Listening Comprehension Winner:	April 2023
<ul style="list-style-type: none">• Secured 1st place out of 200 participants in the Listening Comprehension Test, demonstrating exceptional auditory and analytical skills.	

EDUCATION

Lovely Professional University	Phagwara, Punjab
• Bachelor of Technology - Computer Science and Engineering; CGPA: 7.3	Since 2022
St. Mary's Cathedral Public School	Alappuzha, Kerala
• Intermediate; Percentage: 80.0%	2021 -2022
St. Mary's Cathedral Public School	Alappuzha, Kerala
• Matriculation; Percentage: 80.80%	2019-2020