Thakur Vedanta Singh

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SKILLS

- **Languages**: Python, C++, C, Java, SQL
- **Frameworks**: HTML and CSS
- **Databases** : MySQL
- **Tools & platforms**: GitHub, VS Code, Excel, PowerPoint, Tableau prep, Tableau Desktop, Jupyter Notebook

WORK EXPERIENCE

Outlier.ai – Remote   Nov 2024 - Jan 2025
Freelancer

- **About**: Trained AI models across diverse domains, including mathematics, coding, and physics, improving accuracy by 2%.

  Enhanced automation, and intelligent analysis. Optimizing Model accuracy by 3%.
- **Tech stacks used**: Java, Python.

PROJECTS

Disease Detection | Python   Jan 2025 – Feb 2025
- Developed an AI tool for early disease detection using medical image analysis, achieving 92%+ accuracy on 10,000+ medical images.
- Modeled deep learning models with TensorFlow, improving validation accuracy by 15% through preprocessing and data augmentation.
- Desgined a Streamlit-based interface for real-time predictions, reducing diagnostic response time by 40%.

Email Spam Checker | Python   Dec 2024 – Jan 2024
- Devised an AI tool for early disease detection with 92%+ accuracy using 10,000+ medical images.
- Trained deep learning models with TensorFlow, boosting validation accuracy by 15% through preprocessing and augmentation.
- Implemented a Streamlit interface for real-time predictions, cutting response time by 40%.

Tableau Based Dashboard | Tableau prep, Tableau Desktop   Oct 2024 – Nov 2024
- Spearheaded the creation of a Netflix dashboard in Tableau, analyzing 100,000+ viewership records to identify trends and segment audiences across 6+ demographic dimensions.
- Streamlined data connection and preparation techniques, reducing data integration time by 30% and ensuring seamless connectivity across 5+ data sources.
- Delivered 10+ interactive visualizations for genre analysis and audience insights using Tableau.
- Resolved complex data blending and joins involving 4+ datasets, enabling a comprehensive and unified analysis of user behavior and content trends.

CERTIFICATIONS

- Responsible and Safe AI Systems by NPTEL. **[Link]**   Aug 2024 – Nov 2024
- Complete Machine Learning and Data Science by GeeksforGeeks. **[Link]**   May 2024 – Jul 2024
- R programming by Coursera. **[Link]**   Mar 2024 – Apr 2024

ACHIEVEMENTS

- **Hack-AI hackathon with VickyBytes [Link]**   Jan 2025
- **Tata Imagination Challenge 2024 [Link]**   Dec 2024
- **One among Dean's top 10 % students at University**:   Nov 2024
- **Finalist in the Hackathon Idea - Hub 2.0 [Link]**   Oct 2024
- **Hack-On With Amazon - Season 4 [Link]**   Jun 2024

EDUCATION

Lovely Professional University   Phagwara, Punjab
Bachelor of Technology - Computer Science and Engineering; **CGPA: 7.77**   *Since Aug 2022*

Sri Chaitanya College   Hyderabad, Telangana
Intermediate; **Percentage: 92%**   *Apr 2021 - Mar 2022*

Gowtham High School   Hyderabad, Telangana
Matriculation; **Percentage: 100%**   *Apr 2019 - Mar 2020*