

Thuraka Ajay

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SKILLS

- **Languages:** C, C++, Python, Java
- **Web Technologies:** HTML and CSS, Java Script, Rest APIs
- **Libraries:** NumPy, Pandas, Matplotlib, Seaborn
- **Tools/Platforms:** MySQL, SQL Server, Git/GitHub, Power BI, Tableau, Excel, Power Query, Jupyter Notebook
- **Soft Skills:** Analytical Thinking, Problem-Solving, Teamwork, Time Management

PROJECTS

- Electric Vehicle Sales Dashboard :** Sep'2025
- Designed and developed an interactive Power BI dashboard to analyze EV sales across Indian states, visualizing trends by region, vehicle type, and category for market insights.
 - Performed data preprocessing and transformation using Python and SQL to ensure clean and reliable datasets before dashboard integration.
 - Generated insights on state-wise EV adoption to identify emerging markets and areas for policy improvement.
Tech: Power BI, Power Query, DAX, Excel performance analysis, enabling better business decision-making
- World– Happiness-Analysis:** Present
- Built a World Happiness Predictive Analysis system using Python and machine learning to analyze key socio-economic factors influencing global happiness scores.
 - Implemented Linear Regression, Decision Tree Classification, and K-Means Clustering with proper data preprocessing using Scikit-learn pipelines..
 - Performed exploratory data analysis and visualization to extract insights and evaluate model performance using R², RMSE, Accuracy, and F1-score.
 - Successfully deployed the project on GitHub with proper logging, monitoring, and basic optimization, ensuring smooth installation and easy execution for users. **Tech:** Python, Flask, REST APIs, HTML, CSS, JavaScript

TRAINING

- Mastering DSA - Centre for Professional Enhancement, LPU** July'2025
- Completed intensive DSA training focused on problem-solving, performance optimization, and complexity analysis.
 - Gained hands-on experience implementing core data structures through structured exercises and coding challenges.
 - Improved efficiency in writing optimized algorithms using iterative, recursive, and Big-O analysis techniques.
Skills covered: Arrays, Linked Lists, Stacks, Queues, Trees, Graphs, Sorting & Searching, Algorithm optimization.

CERTIFICATES

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| • Data Analytics Job Simulation Deloitte | Nov' 25 |
| • Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate Oracle | Sep' 25 |
| • Master Generative AI & Generative AI tools Udemy | Aug' 25 |
| • Cloud Computing NPTEL | Apr' 25 |
| • Introduction to Hardware and Operating Systems Coursera | Sep' 24 |
| • The Bits and Bytes of Computer Networking Coursera | Sep' 24 |
| • Computer Communications Specialization Coursera | Aug' 24 |

ACHIEVEMENTS

Hack-IoT Hackathon LPU	Feb' 24
Secured a Top 10 Finalist position in the Hack-IoT Hackathon	

EDUCATION

<ul style="list-style-type: none">Lovely Professional University Bachelor of Technology - Computer Science and Engineering; CGPA: 6.08	Phagwara, Punjab Since Aug'23
<ul style="list-style-type: none">Race IIT& Medical Academy: Intermediate; Percentage: 70%	Telangana Jun' 22 – Mar'23
<ul style="list-style-type: none">Siddartha High School <i>Matriculation</i>: CGPA: 10	Telangana Mar'2021