

Monish Sai

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SKILLS

Languages:	Python, Java
Frameworks:	HTML and CSS, Scikit-Learn, PyTorch
Tools/Platforms:	Geeks for Geeks, Google colab, VM Ware
Soft Skills:	Problem-Solving, Time Management, Adaptability

TRAINING

Geeks for Geeks	Jun' 24 – Jul' 24
Data Structures and Algorithms	
<ul style="list-style-type: none">• Gained in-depth knowledge of core data structures such as arrays, linked lists, stacks, queues, trees and graphs• Hands-on experience in implementing searching and sorting algorithms• Solved 200+ coding problems on platforms like GeeksforGeeks, enhancing analytical and logical thinking• Improved competitive programming skills with a focus on efficient code implementation and debugging.• Proficient in problem-solving techniques for optimizing time and space complexity	

PROJECTS

Retail and E-Commerce Recommender System using AI and Machine Learning Models	Oct' 24
<ul style="list-style-type: none">• Built a recommendation system for retail and e-commerce platforms using collaborative filtering and content-based filtering techniques.• Implemented machine learning models to predict user preferences and provide personalized product suggestions.• Applied techniques like matrix factorization and deep learning models to enhance recommendation accuracy.• Used Python libraries such as Scikit-Learn and TensorFlow to build and optimize the recommendation models.• Analyzed large datasets to understand customer behavior and preferences, improving user experience and sales.	
Income Tax Prediction using AI and Machine Learning Models	Jan' 24
<ul style="list-style-type: none">• Developed a machine learning model to accurately predict tax liabilities based on individual income and deductions. Leveraged regression techniques, including Linear Regression and Random Forest, to analyze financial data and enhance prediction accuracy. Optimized performance through data preprocessing, feature engineering, and rigorous model evaluation using metrics such as Mean Squared Error and R-squared.	
Groceries Website	Jan' 22
<ul style="list-style-type: none">• Integrated basic front-end functionalities for dynamic content display and interaction.• Utilized a groceries website featuring secure login, product search, shopping cart, and real-time order tracking.• Streamlined user experience with intuitive navigation for easy groceries browsing and selection.• Technology Used: HTML, CSS, JavaScript	

CERTIFICATES

Gen AI for everyone Coursera	May' 24
Prompt Engineering Coursera	Apr' 24
Cloud Computing NPTEL	Nov' 24
DSA Geeks for Geeks	july' 24

EDUCATION

Lovely Professional University	Phagwara, Punjab
Bachelor of Technology	Aug' 22 – Present
Computer Science and Engineering; CGPA: 6.12	
Tirumala Junior college	Bhimavaram, A.P
Intermediate	Jun' 20 – May' 22
PCM; Percentage: 94%	
Tirumala School	Bhimavaram, A.P
Matriculation	Mar' 19 – May' 20
Percentage: 89.2%	