



Amaraneni Nithin

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SKILLS

Languages:	C++, Python, Java
Web Technologies:	HTML and CSS, NodeJS, JavaScript, React
Tools/Platforms:	MySQL, MongoDB
Professional Skills:	Problem-Solving Skills, Team Player, Project Management, Adaptability

EXPERIENCE

Google Adversarial Nibbler Project	Oct 2024 – Jan 2025
AI Model Tester	
<ul style="list-style-type: none">Contributed to the evaluation and testing of AI models by generating prompts and analyzing output images.Documented detailed explanations for incorrect or abnormal outputs to support model improvement.Utilized critical thinking and analytical skills to identify inconsistencies in AI-generated outputs.Enhanced model reliability and functionality for end-users through testing and feedback.	

PROJECTS

Design and Implementation of an Advanced Contextual Question Answering Chatbot using the T5 Model and SQuAD Dataset	Oct 2024 – Dec 2024
<ul style="list-style-type: none">Developed an advanced contextual question-answering chatbot leveraging the T5 transformer model.Fine-tuned the model on SQuAD dataset to deliver precise and context-aware responses.Designed and implemented model architecture to enhance NLP capabilities.Achieved high accuracy in real-time question answering tasks through optimization. Tech: Python, Pandas, Fuzzy Logic.	
Sudoku Solver using Backtracking Algorithm	May 2024 – Jul 2024
<ul style="list-style-type: none">Developed a Java -based Sudoku Solver to solve a standard 9x9 Sudoku puzzle.Implemented the backtracking algorithm to efficiently find valid solutions.Sudoku is a logic-based, combinatorial number-placement puzzle where the goal is to fill a 9x9 grid so that each column, each row, and each of the nine 3x3 sub grids.Applied combinatorial logic to enhance problem-solving capabilities. Tech: Java, Backtracking Algorithm.	
Stock Market Predication using Time Series	Mar 2024 – May 2024
<ul style="list-style-type: none">Designed and implemented a stock market prediction model using time series analysis to forecast stock prices.Applied statistical techniques and machine learning algorithms to analyze historical data trends.Improving prediction accuracy for informed investment insights. Tech: Python, Pandas, NumPy, Scikit learn.	

CERTIFICATES

Introduction to Machine Learning IITKGP NPTEL	Jul 2024 – Sep 2024
Introduction to Internet of Things NPTEL	Jul 2024 – Oct 2024
Data Structure and Algorithms GeeksforGeeks	May 2024 – Jul 2024
Mastering Data Structure and Algorithms using C and C++ Udemy	Jan 2024 – Feb 2024

EDUCATION

• Lovely Professional University <i>Bachelor of Technology - Computer Science and Engineering</i>	Phagwara, Punjab Since August 2022
• Narayana Junior College <i>Intermediate</i>	Hyderabad, Telangana May 2020 - June 2022
• Netaji High School <i>Matriculation</i>	Hyderabad, Telangana June 2019 - April 2020