# Amaraneni Nithin

Hyderabad, Telangana 500038

7093474908 [](mailto:surajsingh5092@gmail.com) [anithin287@gmail.com](mailto:anithin287@gmail.com) [](https://www.linkedin.com/in/suraj-singh-5092/) [nithinamaraneni200410](file:///C:\Users\anith\AppData\Local\Microsoft\Windows\INetCache\IE\BBEI1I11\inkedin.com\in\nithinamaraneni200410\) [](https://github.com/suraj-singh12) [NithinAmaraneni](https://github.com/NithinAmaraneni)

# Projects

**Google Adversarial Nibbler Project** *| AI Model Tester* **Oct 2024 – Jan 2025**

* 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.

**Design and Implementation of an Advanced Contextual Question Answering Chatbot using the T5 Model and SQuAD . Dataset***| Python, Pandas, Fuzzy Logic.* **Oct 2024 – Dec 2024**

* 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.

**Stock Market Predication using Time Series** *| Python, Pandas, NumPy, Scikit learn.* **Mar 2024 – May 2024**

* 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.

# Certificates

**Introduction to Machine Learning IITKGP Jul 2024 – Sep 2024**

*NPTEL*

**Introduction to Internet of Things Jul 2024 – Oct 2024**

*NPTEL*

**Data Structure and Algorithms May 2024 – Jul 2024** *GeekForGeeks*

**Mastering Data Structure and Algorithms using C and C++ Jan 2024 – Feb 2024**

*Udemy*

# Skills

**Languages:** C++, Java, Python

**Web Technologies**: HTML and CSS, NodeJS, JavaScript, React.

**Tools/Platforms**: MySQL, MongoDB.

**Professional Skills:** Problem-Solving Skills, Team Player, Project Management, Adaptability

# Education

**Lovely Professional University Punjab** **2022 – Present**

*Computer Science and Engineering Jalandhar, Punjab*

**Narayana Junior College** **2020 – 2022**

*Intermediate Hyderabad, Telangana*

**Netaji High School** **2019 – 2020**

*Matriculation Hyderabad, Telangana*