

Naveen Varma

📞 9177773854 ✉ naveenvarma600@gmail.com in [Linkedin](#) 🌐 [GitHub](#) 🌐 [PortFolio](#)

Education

Keshav Memorial Institute of Technology
Bachelor of Computer Science

2020 - 2024
(8.8 CGPA)

Experience

Perfect E Learning

July 2022 - Present

Software Developer Intern

- Developed an video comparison software using **OpenCV** with the help of **PSNR**(Peak Signal to Noise ratio) and **MSSIM**(Mean Structural Similarity) measures
- Automated Piazza Platform using **Selenium** that helped in minimizing human workload and reduced the duration of work by **33%**
- Converted audio from **.mp3** files to **.txt** files and extracted required information using **NLTK**.

ProCareer Academy

March 2022 - May 2022

JavaScript Teaching Assistant

- Assisting International clients from **Los Angeles** learn data structures and algorithms in **JavaScript** and **EcmaScript**.
- Assigned Engaging assignments and mini-projects with daily life scenarios that can be solved using algorithms like **Binary Search, Dijkstra**, etc
- Gathered insightful stocks-related data from different sources using **Python's Beautiful Soup**(data scraping library).

Geno Paradigm

Nov 2021 - March 2022

Research and Development Intern

- Researched on **MHBS** (mobile helping babies survive) Android application by exploring new technologies like **Cordova, Xml & Flutter**.
- Analyzed Mathesar (Online Database Viewer) and clearly grasped the internal working of **databases** which included in learning **Svelte** and thoroughgoing understanding of **API's**.

Projects

[Socket-Chat](#) | Node.js, JavaScript, Socket.io, AJAX, SASS

- Instigated an Chat application that works on a **LAN** (Local Area Network) where a group of people can talk with each other either personally or in a group by making a **socket channel** between them with proper security.
- Designed a contact form that uses **FLASK API** which classifies the review as positive or negative using **Sentiment Analysis** and updates it accordingly in google sheets using Google's **API**.

[Future-Billionaire](#) | NLP, NumPy, Pandas, Matplotlib

- Designed an **NLP** model that predicts future of stock prices using headlines of **newspapers** with **count vectorizer**
- Resulted in **85.7%** accuracy after tuning with the parameters of **Random Forest** algorithm.

[Movie-Recommender](#) | NumPy, Pandas, SkLearn

- The project aims to analyze and extract insights from the **Netflix** dataset and extract useful features which help people with the right choices without expanding their cognitive resources with the help of **TFIDF** vectorizer.
- Improved the model using various metrics like **Cosine Similarity & Euclidean Distance**.

[Pizza-Hub](#) | Django, HTML/CSS , JS , SQL , APIs, JSON

- Created an E-commerce web app using **Django** with content management and authentication using **Django-auth** and Django- admin.
- Embraced gravitating features like Wishlist, order summary, repeat orders, rating and Payment gateway integration using **Razor pay**.

Technical Skills

Languages : Python, Java, C/C++, HTML/CSS, JavaScript, SQL, MongoDB

Developer Tools : VS Code, Eclipse, Google Cloud Platform, Android Studio

Technologies/Frameworks : Linux, GitHub, Django, Flask , Node, Express

Achievements/Extracurricular

- Achieved 'Special' Title in **Ideathon 2.0** for developing an **E-commerce** website by vanquishing the contemporary complications and drawbacks of existing online stores using **Flask**.
- Made **15+ technology** related videos at **GeeksforGeeks** using Zoom's screen capture software.
- Assessed **100+** students by working as a **machine Learning** Mentor at Perfect E Learning.
- Achieved global rank of **1648** out of **24178** participants in the **weekly-contest-308** ([Leetcode](#))