

G. GOPI KRISHNA

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EDUCATION

Lovely Professional University, Punjab <i>Btech CSE [Lateral Entry], CGPA: 7.74 (till now)</i>	2021 – 2024
Nettur Technical Training Foundation, Karnataka Diploma in Mechatronics, CGPA: 8.90	2018 – 2021
Dr.K.K.R's Gowtham High School, A.P 10 th SSC, CGPA: 10.0	2017 – 2018

EXPERIENCE

Allsoft Solutions (Summer Training Internship: 6 weeks, Online mode) • Created a project named as ' Bitcoin price prediction and analysis webpage ' (Link) • Applied ML algorithms and improved the overall accuracy of a model by using the various techniques. • Skills used for project: Html, CSS, Python, ML libraries	June 2022 – July 2022
Zummit InfoLabs (part-time, work from home) • I participated in the project as ' Data Science intern ' (3 months, unpaid internship) • And gained experience of using algorithms in NLP & Computer Vision domain tasks • Skills Used: Python Programming Language	Aug 2023 – Nov 2023

ACHIEVEMENTS & CERTIFICATES

- Achieved 5 star rating on [HackerRank](#)
- Secured overall rank **120** (in platform) [Link](#) and top **15** (out of **18k+** in college) in GFG coding platform.
- Certified **Python programmer** from **Microsoft 2022** ([Link](#)) & other [Coursera](#) certificates (ML, NLP)
- Solved **120** problems on [Leetcode](#) and **973+** problems on [GeeksforGeeks](#)
- Participated in the several Coding contests (best: **Global rank 713**) at [Codechef](#)

PROJECTS

Product Recommendation System <i>Python, Pandas, Numpy, Matplotlib, Sklearn</i> • Applied Truncated SVD to reduce the dimensionality of the product ratings matrix, while preserving the most important information, such as product popularity, user preferences, and product similarity. • Calculated the correlation matrix between all of the products and recommended the top 10 products that are most correlated with the product that the customer has already purchased, while excluding products that the customer has already rated.	Project Link
Personal Portfolio <i>HTML, CSS, SCSS, JavaScript</i> • Developed a Portfolio website. The website is responsive and it has increased traffic since launch. • Created a dynamic and interactive website that showcases my education, skills, experience, and publications, as well as coding profile links and contact information. The website has over 2,200+ visitors till now.	Project Link
Text Generation Using RNN <i>Python, Pandas, Numpy, Matplotlib, Tensorflow, Keras</i> • Developed a recurrent neural network (RNN) in a natural language processing (NLP) setting to create text for news headlines and used accuracy, f1-score, perplexity measures to evaluate the RNN's performance after training it on a corpus of news headlines. • Created new headlines that were comparable to the training data in style and content, while also bringing new and innovative variations.	Project Link

TECHNICAL SKILLS

Programming Languages: C, C++, Java, Python
Frontend Languages: Html, CSS, JavaScript
Developer Tools: Git/GitHub, Visual Studio, Eclipse, Jupiter Notebook, Google Colab, Sublime Text, IntelliJ IDEA
Tools/Libraries: Tkinter, Pandas, Numpy, Seaborn, Matplotlib, Sklearn, Tensorflow, Pytorch, NLTK, ML algorithms
Related Course Work: Data Structures & Algorithms, DBMS, OS, Computer Networks, Artificial Intelligence

PUBLICATIONS

- Published a **peer-reviewed papers** with high impact factor on [Generative AI](#) and [Multilingual NLP](#) in IJAENT Journal.