Kanishk Teotia

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Experience

SDE Intern at Bluestock   May 2025 – Jun 2025

- Designed and implemented a fully responsive homepage layout.
- Developed and integrated custom components using ReactJS and Tailwind CSS.
- Collaborated with a team of 5 to maintain UI consistency across components.

Education

JSS Academy of Technical Education, B.Tech. | IT   Sep 2021 – Jul 2025
CGPA: 7.74

Dehradun Public School, Sr. Sec. School | PCM   Apr 2020 – Jul 2021
Percentage: 95.2

Projects

VulHierGGNN [Python]

- Collaborated in a team of 4 to develop a hierarchical deep learning framework for multi-type software vulnerability classification using BERT and CodeBERT.
- Collected vulnerability datasets (Devign, NVD, CVEFixes), and chose to work with CVEFixes dataset. Filtered data to get the final dataset size: 63k+ samples, 250+ vulnerability types.
- Processed a 48GB SQLite dataset in a virtual Ubuntu environment; extracted features (code_before, code_after, cve_id, cwe_id) into JSON/CSV.

Nvidia Stock Analysis [Python]

- Analyzed the NVIDIA stock data set in detail over a period of 6116 trading days.
- Discovered a massive price increase from a minimum of $0.60 to a maximum of $974, highlighting the importance of understanding long-term trends and the impact of significant price swings.
- Developed yearly and monthly trend visualizations using Pandas, Matplotlib and Seaborn.

Post-COVID Layoffs [MySQL]

- Analyzed post-COVID layoffs data (2020–2023) for trends in global workforce reduction due to COVID.
- Used MySQL for data cleaning and EDA to identify industry and region-specific patterns.

Skills

Languages: Python, C++, HTML, CSS, JavaScript
Technologies: MySQL, MS Excel, Github, Git, Jupyter Notebook, Tableau

Certifications

Data Manipulation in Python   Aug 2024 | Udemy
SDE Internship Certificate   Jun 2025 | Bluestock

Hobbies

- Reading novels and comics
- Singing and listening music
- Gaming as well as physical sports like Badminton, football, etc
- Travelling