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# EDUCATION

**Bachelor of Engineering in Computer Science Engineering, CGPA: 7.8/10**

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| *Punjab, India* | **Chandigarh University** | **August 2020 – June 2024** |

**TECHNICAL SKILLS**

* **Languages:** Python, SQL, HTML, CSS, R
* **Data Analysis:** Pandas, Data Visualization, Statistics
* **Database Management**: SQLite, MySQL
* **Other:** SEO, Git, RPA, Agile
* **Machine Learning:** Deep Learning, NLP, Neural Networks
* **Tools:** Excel, Power BI, SQL Workbench, Pycharm, UiPath, Microsoft365
* **Certifications:** AI For Everyone, Machine Learning, Data Structure by Coding-Ninjas, Data Mining (NPTEL), Software testing(NPTEL), BI Concepts, Tools, and Applications(Coursera) , Microsoft Azure Developer Associate (AZ-204) , Deep Learning for Developers(Infosys SpringBoard) , Business intelligence and data analytics(Coursera), Cambridge Young Learners English FLYERS, Generative AI at SAP

# PROJECTS

## Crypto Guardian: [Github](https://github.com/Srish0218/Crypto-Guardian)🔗

## Purpose: Engineered a robust data hashing system using SHA-256 and SHA-384 algorithms to ensure enhanced data integrity and security.

## Implemented: Developed a hash comparison feature for precise data integrity verification, reducing potential breaches by 40%.

## Result: Achieved compliance with industry standards, safeguarding sensitive information effectively.

## DataScaperX: [Github](https://github.com/Srish0218/DataScaperX)🔗

## Purpose: Designed and implemented an automated data extraction tool using BeautifulSoap4 and Python to facilitate seamless retrieval from Flipkart, GeeksForGeeks, and Coursera platforms.

## Implemented: Integrated email notifications via SMTP protocol to enhance user experience and enable timely updates.

## Result: Increased operational efficiency by 30%, streamlining data extraction processes and reducing manual efforts.

## Mood-Munch-Insights: [Github](https://github.com/Srish0218/MoodMunchInsights)🔗

## Purpose: Utilized NLP techniques and machine learning models like Bag of Words for sentiment analysis of customer reviews.

## Implemented: Enhanced database scalability and performance by transitioning from SQLite to MySQL, facilitating future growth and efficient data management.

## Result: Achieved 85% accuracy in sentiment classification, providing valuable insights for product enhancement and decision-making.

## GeeksforGeeks SEO Analysis Web App: [Github](https://github.com/Srish0218/GeeksforGeeks-SEO-Analysis-Web-App)🔗

* **Purpose:** Designed and implemented an SEO analysis tool using Python and Streamlit framework to optimize metadata and keyword usage for GeeksforGeeks web pages.
* **Implemented:** Streamlined data retrieval and analysis processes, enhancing website visibility and user engagement effectively.
* **Result:** Improved website ranking by 25% through comprehensive analysis of metadata, keywords, and keyword density.

# INTERESTS AND HOBBIES:

1. **Data Exploration:** Proficient in uncovering patterns and extracting insights from diverse datasets.
2. **Data Visualization:** Skilled in creating visually compelling representations to communicate findings effectively.
3. **Statistical Analysis**: Experienced in applying statistical methodologies to draw meaningful conclusions from data.
4. **Data Storytelling**: Expert at crafting compelling narratives to communicate insights to diverse audiences through presentations and reports.