ANUSHKA SHARMA

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Summary

Results-driven software developer with a proven track record of delivering high-quality solutions using .NET technologies, web technologies, and database languages. Strong verbal and communication skills, with a CGPA of 9.2/10 in Master of Science in Computer Science.

Skill Highlights

- **Programming and Web Technologies**: Python, SQL, HTML, CSS, JavaScript, C#, ASP.NET, JQuery
- **Database Management**: MySQL, SQL Server
- **GitHub (Repository Management)**
- Software Development
- Analytical Skills
- Communication Skills
- Creative Problem-Solving
- Jupyter Notebooks
- Task Prioritization

Experience

- **Python Developer Intern, Hackveda Limited**   (01/2024 – Present)
    - Contributed to the development of a stock screen application, gaining valuable insights into the finance domain and fundamental concepts of stock market analysis.
    - Designed and implemented an end-to-end console application, utilizing real-time data, to apply learned knowledge effectively and enhance practical skills in Python programming.
    - Developed Python scripts for data analysis and automation, streamlining processes and improving efficiency within the organization, saving an average of 10 hours of manual work per week.
    - Collaborated closely with team members to identify and resolve technical challenges, demonstrating effective problem-solving abilities in a dynamic work environment.
    - Leveraged acquired skills and knowledge to contribute actively to project development, showcasing adaptability and a strong commitment to learning and professional growth.

- **Android and Coding Educator, BrightCHAMPS**   (04/2022 – 04/2023)
    - Designed and delivered tailored learning modules for international students in Android app and website development, utilizing platforms such as Scratch, Code.org, Thunkable, Python, and Roblox.
    - Fostered interactive learning environments, effectively communicating technical concepts to a diverse global audience, and conducted over 70 demo classes to showcase programming fundamentals, receiving an average rating of 4.8 out of 5 from students.
    - Guided students through the process of deploying and successfully publishing mobile applications on the Google Play store, resulting in 15 student-developed apps being published.
    - Built rapport with parents through personalized meetings, offering detailed progress reports and addressing concerns, and scheduled tests and parent-teacher meetings to provide regular updates on student performance, achieving a 95% attendance rate in parent-teacher meetings.
    - Successfully persuaded 4-5 students to upgrade to higher-tier educational packages, showcasing adept client engagement skills, generating an additional $2,000 in revenue for the organization.

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Education

- **Master of Science Computer Science, Banasthali Vidyapeeth**   *CGPA: 9.2/10*
- **Bachelor of Science Computer Science (Hons.), University of Delhi**   *CGPA: 8.6/10*

Certifications

- MySQL Essential Training, LinkedIn Learning (2022)
- SQL Triggers, Great Learning (2024)

Projects

- **Stock Dataset Analysis:** Python scripting, Data cleaning, Data analysis
  - *Utilized Python for stock dataset analysis, including data cleaning and data analysis.*
  - *Implemented data cleaning techniques to ensure data accuracy and reliability.*
  - *Conducted data analysis to derive meaningful insights from the stock dataset.*
  - *Leveraged data visualization tools to present findings in a clear and concise manner.*
  - *Demonstrated proficiency in Python, data cleaning, and data analysis techniques.*

- **Text Summarizer:** JavaScript, HTML5, PHP OOP, CSS, SQL, Python, Flask
  - *Developed a full stack Text Summarizer web application.*
  - *Implemented text summarization using a pretrained Google bart model from hugging face library*
  - *Utilized Flask framework to build a web application that can summarize texts of varying lengths and return a summary with a reading time estimation.*
  - *Included a reset button that allows users to input a new text for summarization.*
  - *Demonstrated proficiency in web development, natural language processing, and machine learning techniques.*

Publication

- **Ensemble learning based early detection of influenza disease** - *Multimedia Tools and Applications Springer Nature, May 2023*
  - *Our work proposes efficient machine learning models for early detection of influenza using Influenza Research Database and Human Surveillance Records data sets. Ensemble-based stacked algorithms are implemented and compared with other models, demonstrating improved performance in detecting influenza.*

- **Early Detection of Influenza using Machine Learning Techniques -** Recent Innovations in Computing LNEE Springer, 2021
  - *Our work proposes machine learning algorithms to predict influenza infection in emergency department patients with influenza-like illness. The study compares 7 machine learning algorithms and finds that eXtreme Gradient Boosting performs best, outperforming previous clinical prediction models. The model identifies key clinical features associated with influenza infection, providing a valuable tool for early detection and treatment.*