GUNJESH KUMAR

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EDUCATION

Gayatri Vidya Parishad College of Engineering(A) (Visakhapatnam, India). **June 2022 – Present**
B. Tech in Information Technology
- CGPA: 7.8/10
- Relevant Coursework: Machine Learning, Data Structures, DBMS, Operating Systems, Computer Networks, Cryptography, Computer Architecture, Software Engineering, Web Development, Object Oriented Programming.

EXPERIENCE

Cybersecurity Lead, GDSC (GVPCE) (Visakhapatnam, India. **August 2023 – Present**
- Conducted interactive sessions on Cybersecurity and Blockchain, effectively breaking down the complex concepts into simplified, actionable insights for diverse audiences.
- Mentored students by offering hands-on guidance and practical demonstrations, fostering a deeper understanding of cutting-edge cyber-technologies and their real-world applications.

Contributor, **Girl Script Summer of Code** (Remote, India). **May 2024 – Aug 2024**
- Contributed to open-source projects by developing new features, improving performance, and resolving critical bugs to enhance functionality and user experience.
- Strengthening collaborative development efforts by identifying and fixing bugs, enhancing code quality, and improving overall project functionality.

PROJECTS

Chat Application
- **Technologies: XML, Java, Firebase.**
- Designed and developed a real-time chat application with seamless support for both groups and individual messaging, ensuring a smooth and engaging user experience.
- Implemented secure email/password-based authentication system by integrating industry-standard encryption techniques and robust validation protocols to protect user data and ensure secure access.

Image Identifier
- **Technologies: Deep Learning, Python.**
- Developed and trained a robust neural network model for image classification, successfully achieving accurate differentiation between categories like cats and various other objects.
- Leveraged advanced supervised learning optimization techniques, including hyperparameter tuning, regularization, and data augmentation, to significantly improve the model's accuracy and generalization.

Sentiment Detector
- **Technologies: Python, NumPy, Machine Learning.**
- Conducted sentiment analysis on tweets, categorizing them as positive, negative, or neutral categories to gauge public sentiment.
- Analyzed tweet data by examining hashtags and user profiles, uncovering valuable insights and trends.

CERTIFICATIONS

- **GitHub Foundations.**
- **CS50x (Harvard University)**: Introduction to Computer Science.
- **Deep Learning Specialization (ISRO).**
- **Google Play Academy - Store Listing Certificate.**
- **Google Data Analytics Certificate.**

SKILLS

- **Languages:** Python, C/C++, Java, HTML5, CSS3, JavaScript.
- **Libraries:** NumPy, Pandas, TensorFlow, React.
- **Frameworks:** Django, Node.js, Express.js.
- **Tools & Platforms:** GitHub, Git, Netlify, Jupyter Notebook, VS Code, Android Studio, Colab, Figma, Blender.
- **Database:** MySQL, MongoDB.

ACHIVEMENTS

- Achieved recognition as one of the **Top 50 Mentors** and **Top 50 Campus Ambassadors** in the **Girl Script Summer of Code (GSsoC) - Extended**, for exceptional guidance, leadership, and contributions to the program's success.
- **Microsoft Student Ambassador** for my College, driving engagement with Microsoft technologies through organizing workshops, webinars, and fostering collaboration to empower students and enhance their academic and professional growth.