JEEVAN MERUGUMALA

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Motivated computer science graduate looking for an entry-level software developer job focusing on delivering impactful results, eager to tackle dynamic challenges and apply creativity to craft intuitive user experiences. I have demonstrated proficiency in project management, user-centric problem-solving, and seamless collaboration across teams.

EXPERIENCE

Machine Learning Intern | Datapoint IT and Hardware Tech Pvt Ltd | [Augest-2023] - [February-2024]

- Gained practical experience in Python-based machine learning, including data analysis, model development, and implementation.
- Proficient in using libraries such as scikit-learn, pandas, and NumPy.
- Worked on real-world machine learning projects.
- Processed and analyzed datasets to extract meaningful insights and improve model accuracy.
- Utilized Python, and common machine learning libraries.

PROJECTS

Stress detection in IT professionals by image processing and ML

- Image processing and machine learning are used to detect stress through facial expressions like furrowed brows.
- Monitor physiological signals such as changes in skin tone using cameras and machine learning to identify stress.
- Analyze video feeds with machine learning to recognize stress-related behaviours like frequent face touching.

A Peculiar Image Encryption Method for Mobile Based Application

- Generate a unique encryption key using user-specific biometric data like fingerprints. Shuffle image pixels based on a pattern derived from the encryption key.
- Use hybrid encryption: encrypt image data with a symmetric key, then encrypt the symmetric key with an asymmetric key.

EDUCATION

DRK INSTITUTION OF SCIENCE AND TECHNOLOGY,BOWRAMPET	**July 2020 - July 2024**
Stream :-CSE(Aiml)	
SRI CHAITANYA JUNIOR COLLEGE,CHINTAL	**June 2018 - June 2020**
Stream :-MPC	
Z P H S ,Gajularamaram	**June 2018**
Stream :-SSC	

Technical Skills

- Python
- Mysql
- Html
- Css
- JavaScript
- Django
- Basic Knowledge of React Js

ADDITIONAL INFORMATION

- **Languages:** English, Telugu, Hindi.
- **Certifications:** Mysql by IBM | Agile Methodology by Aurora's PG College .

I Here by,Declare that all the above mentioned information is true to the best of my knowledge Belief

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