

Abheet Seth

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SKILLS

Technical Skills: C/C++, Java, Python, JavaScript, TypeScript, ReactJS, Linux, Django, MongoDB, ExpressJS, NodeJS, SQL, Bash Script, Webhook, Postman, TensorFlow, Keras

EDUCATION

Vellore Institute of Technology, Bhopal, Bachelor of Technology, Computer Science and Engineering, Specialization in Cyber Security Aug 2022 - Ongoing

- Cumulative GPA: 8.75/10

Scholar English Academy, Intermediate Jul 2020 - Jul 2022

PROJECTS

Security Chat Bot Apr 2024

- Manages firewall settings for Windows, provides weather updates using online APIs.
- Manages Windows security settings, such as Windows Defender, and analyzes text input for sentiment using a trained AI model.
- It is even capable of generating high-resolution images like DALL-E and Midjourney.

Deepfake Detection Feb 2024

- Engineered a deepfake detection system using Python and PyTorch to identify and classify manipulated media, achieving a 90% accuracy rate and enhancing detection capabilities.
- Applied advanced preprocessing techniques and feature extraction methods, enhancing model performance and achieving a 10% increase in accuracy for detecting genuine versus modified media.
- Achieved high precision and recall rates of 92% and 89%, respectively, in deepfake detection through rigorous testing and validation on datasets exceeding 6,000 samples, ensuring robust performance across diverse media types.

EXPERIENCE

Software Development Club Sep 2022 – Sep 2023

- Coordinated technical workshops, seminars, and hackathons, attracting 300+ students and professionals.

CERTIFICATIONS

- **Cyber Physical Systems**, NPTEL
- **Bits and Bytes of Computer Networking**, Coursera

ACHIEVEMENT

- Leetcode 300+ question
- Secure 3rd Price in Coding Competition