ABHISHEK SINGHVI

+91 9413219493 | abhisheksinghvi9otc@gmail.com | LinkedIn/abhishek--singhvi | Github/abhisheksinghvi09

SKILLS

Technical Skills: C/C++, Java, Python, JavaScript, TypeScript, ReactJS, Docker, Linux, Django, Pytorch, MongoDB, ExpressJS, NodeJS, Socket.IO, SQL, Bash Script, Webhook, Computer Networks

EDUCATION

Vellore Institute of Technology, Bhopal   Bhopal, IND
Bachelor of Technology   Aug 2022 - Ongoing
Computer Science and Engineering, Specialization in Cyber Security
Cumulative GPA: 8.47/10
Coursework: Object Oriented Programming, Operating Systems, Data Structures, Analysis Of Algorithms, DBMS

RSM International School   Jodhpur, IND
Intermediate   Jul 2020 - Jul 2022

PROJECTS

COLLABO   Apr 2024
- Designed and developed Collabo using JavaScript, Node.js, and WebSockets, enabling real-time document editing and communication among users with support for up to 10 simultaneous connections.
- Implemented synchronization algorithms with MongoDB for data storage and React for the frontend, achieving 99% data consistency and reducing conflicts during simultaneous edits by 75%.
- Integrated comprehensive user management and access control features leveraging OAuth for authentication and RESTful APIs, providing secure and efficient handling of user permissions and collaboration settings.

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.

KiSPY - ADVANCE - KEYLOGGER   Aug 2023
- Engineered an advanced keylogger application in Python to systematically capture and record keyboard inputs, achieving 90% accuracy in logging keystrokes and enhancing overall security and monitoring capabilities.
- Employed Discord webhook technology to transmit captured data, with logs securely stored on the user's system.
- Performed rigorous testing and evaluation on various environments, ensuring the keylogger's reliability and accuracy across different operating systems and configurations.

EXPERIENCE

iOS Club, VIT Bhopal University   Bhopal, IND
Event Management Team   Sep 2022 – Sep 2023
- Coordinated 8+ technical workshops, seminars, and hackathons, attracting 300+ students and professionals.
- Collaborated with 15+ guest speakers and industry experts, achieving an 85% average engagement rate.
- Managed logistics and resources for events, including venue arrangements, equipment setup, and promotional materials, achieving a 95% participant satisfaction rate and seamless event execution.

CERTIFICATIONS

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