Abheet Seth

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EDUCATION

- **Vellore Institute of Technology** — Bhopal, India
  Bachelor of Technology - Information Technology; GPA: 8.75 — *July 2022 - June 2024*
  Courses: *Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Machine Learning, Networking, Databases*

SKILLS SUMMARY

- **Languages**:   Python, C++, JavaScript, SQL, Bash, JAVA
- **Frameworks**:   TensorFlow, Keras, Django, Flask, NodeJS
- **Tools**:   GIT, PostgreSQL, MySQL
- **Platforms**:   Linux, Web, Windows
- **Soft Skills**:   Leadership, Event Management

EXPERIENCE

- **Girl Script Summer of Code - Submitty** — Remote
  Student Developer (Full-time) — *June 2024 - August 2024*
  - **Deep learning Model for Deepfake Detection,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.:**

- **Linux Club** — Remote
  Student Community (Part-time) — *June 2023 - August 2024*
  - **Volunteering at the Linux Club has been an enriching experience. I've had the opportunity to lead workshops, collaborate on projects, and help others deepen their understanding of Linux systems.:**

- **Web Developer Internship** — Remote
  Student Intern (Part-time) — *June 2023 - August 2024*
  - **Developed and maintained Node.js backend APIs for client applications, ensuring seamless communication between frontend and backend.:**

PROJECTS

- **Deep fake detection for videos (LSTM , ResNext50 , Django)**: advanced preprocessing techniques and feature extraction methods, enhancing model performance and achieving a 10% increase in accuracy for detecting genuine versus modified media. Tech: Python, NodeJS , Django , TensorFlow (May , 2024)

- **Security Manager with Voice enabled Assistant**: (in progress)A security chatbot can be designed to manage firewall settings for Windows, provide weather updates using online APIs, manage Windows security settings like Windows Defender, and analyze text input for sentiment using a trained AI model. Tech: Python , Gen-Ai , pvporcupine , LSTM. (July , 2024)

- **Advance Keylogger for Spyware**: Engineered an advanced Python keylogger to capture and record keyboard inputs with 90% accuracy, enhancing security and monitoring capabilities. Utilized Discord webhooks to transmit captured data, securely storing logs on the user's system. Conducted rigorous testing across various environments to ensure reliability and accuracy across different operating systems and configurations.Tech: Python , Py-modules(July '2024)

ACHIEVEMENTS AND AWARDS

- Secured third Place in Inter college Coding Competition - May, 2023
- All India Rank Under 350 in Girl Script summer of code - September, 2024
- secured Elite position in Cyber Physical System certification course by Institute of Technology , Kharagpur
- LeetCode 320 plus questions, Globalrank under 220k
- 365 Days of Code - Ongoing
- Data Structure Analysis of Algorithm, Udemy 2023
- Bits and Bytes of Computer Networking(Coursera), Google 2024

VOLUNTEER EXPERIENCE

- **MUN(Model United Nation , Vit-Bhopal)** — Bhopal, India
  Conducted offline, students come and represent their selected countries and debate. — *June , 2023*

- **Software Development Club Mega Event** — Bhopal, India
  Coordinated technical workshops, seminars, and Hackathons, attracting 300+ students and professionals. — *July , 2023*

HOBBIES

- Playing Badminton
- Geopolitics
- New Military Technologies