SAHARSH BHANSALI

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EDUCATION

Vellore Institute of Technology   07, 2021 – 07, 2025
*Bachelor of Technology - Computer Science and Engineering - **CGPA - 9.25***   *Vellore, India*

Bhavan's Rajaji Vidhyashram   05, 2019 – 05, 2021
*CBSE - Physics, Chemistry, Mathematics, Computer Science - **Percentage - 96.4%***   *Chennai, India*

TECHNICAL SKILLS

- **Languages:** Python, Bash/ZSH Scripting, Java, C, C++, JavaScript, SQL, NoSQL, R
- **Developer Tools:** VSCode, NVim, Emacs, VMWare/VirtualBox, AWS
- **Technologies/Frameworks:** Linux, Git and GitHub, BurpSuite, ZAP, Nessus, Ghidra, Metasploit, Ida, JohnTheRipper, gobuster, exiftool, Infoga, ReconDog, Parrot OS and Kali Linux, Docker
- **Design:** Figma, Photoshop, Illustrator, Canva

PROJECTS

Career Node ⤤ | ChatGPT 3.5, TypeScript, Flask, Hugging Face Models   06, 2023
- Team funtimeError - Yantra Main Hack (**Education Track Winner**).
- **Spearheaded prompt design** to extract contextual information from hundreds of users' resumes to create comprehensive profiles highlighting their skills and interests.
- **Seamlessly integrated the OpenAI GPT3.5 API**, to deliver relevant, tailored recommendations and dynamically curated learning materials from the Internet.

accessDenied ⤤ | Python, JavaScript, **Jupyter notebook** ⤤   12, 2022
- Proof Of Concept model showcasing a **decentralized authentication system based on Zero-Knowledge Proofs** (ZKPs).
- Led the team in ideation and research, and exploring ZKPs, translating complex theories into a practical CLI demonstration.

System Administration ⤤ | Shell Scripting, Python, Configuration Files   12, 2022
- Linux, Windows, and VPS system configurations and workflows for streamlined administration of personal workspaces.

EXPERIENCE

Association for Computing Machinery - Student Chapter   06, 2022 – Present
Member - Research Department   *VIT, Vellore*
- **Resourceful and collaborative** member, adept at organizing and leading diverse events and hackathons.
- Demonstrated **strong teamwork** by collaborating with peers in curating innovative challenges and ideation for technical events.
- **Played an integral role in hackathons** as a participant and also a member of judging panels and event management teams.
- **Engaged in Capture The Flag (CTF) competitions**, showcasing a passion for research and problem solving.

The Next Chapter - Literature Club   06, 2022 – Present
Co-Secretary   *VIT, Vellore*
- Versatile member of the club, actively participating in engaging discussions and writing for the **Editorial Department**, and organizing literary events with the **Management Department**.
- Created **promotional posts, stories, and digital content** with the **Design Department**.
- Responsible for **managing the club's Instagram page**.
- Responsible for **internal management and coordination between departments** as Co-Secretary.

CERTIFICATIONS

- Certified Ethical Hacker (CEH) - EC-Council (Pursuing)
- eLearn Junior Penetration Tester (eJPT) - eLearnSecurity (Pursuing)
- Cloud Solutions Architect Associate (CSAA) - Amazon Web Services (AWS) (Pursuing)