

# SAHARSH BHANSALI

Chennai, TN, India 📞 +91-9941286420 ✉️ saharsh.bhansali15@gmail.com 🌐 saharsh-bhansali 📷 saharshbhansali

## EDUCATION

### Vellore Institute of Technology

*Bachelor of Technology - Computer Science and Engineering - CGPA - 9.17*

July, 2021 – July, 2025

Vellore, India

### Bhavan's Rajaji Vidhyashram

*CBSE - Physics, Chemistry, Math, Computer Science - Percentage - 96.4%*

June, 2019 – June, 2021

Chennai, India

## TECHNICAL SKILLS

- **Technologies/Frameworks:** Git, BurpSuite, ZAP, Nessus, Ghidra, Metasploit, Ida, JohnTheRipper, Gobuster, Exiftool, Infoga, ReconDog, Docker, AWS
- **Languages:** Python, Bash and ZSH Scripting, C/C++, Go, Java, JavaScript, TypeScript, SQL, NoSQL, R
- **Developer Tools:** VMWare, VirtualBox, Parrot OS and Kali Linux, GitHub

## PROJECTS

### CLI - Top 🔗 | Go, Cobra, Glamour, GitHub Actions, BurpSuite

Dec, 2023 - Jan, 2024

- **Unofficial** CLI to access the university's Learning Management System (LMS); used by 400+ students.
- Developed key features – autologin, attendance alert, kill-switch for centralized control, and mark totaling.
- Built a CI/CD pipeline to distribute binaries using GitHub Actions.

### Tally Stock 🔗 | Go, NextJS, Python, Docker

Sept, 2023 - Dec, 2023

- Full-stack inventory management system, with a frontend for web browsers and a CLI frontend in Python.
- Backend written in Golang, using gofiber and gorm (ORM for Postgres and SQLite).
- Web app frontend written in TypeScript, using NextJS, TailwindCSS, MaterialUI, and ShadcnUI.
- Automated deployment as a local application using Docker.

### Career Node 🔗 | ChatGPT 3.5, TypeScript, Flask

June, 2023

- Integrated the OpenAI GPT-3.5 API for tailored recommendations and curated learning materials.
- Engineered prompts to extract and highlight skills and interests from users' resumes.
- 2023 Yantra "Main Hack" Education Track Winner.

### Access Denied 🔗 | Python, JavaScript, Jupyter Notebook 🔗

Dec, 2022

- Built a decentralized authentication system from scratch (PoC).
- Showcased the application of Zero-Knowledge Proofs (ZKPs) in decentralized authentication systems.
- Led the team in ideation, researching ZKPs, and translating complex theories into a CLI demonstration.

## EXTRACURRICULAR

### Association for Computing Machinery - Student Chapter

June, 2022 – Present

#### Research Lead

VIT, Vellore

- Organized diverse events and managed projects.
- Created questions for the Reverse Coding (RC) contest with 500+ contestants.
- Built CI/CD pipelines for RC using GitHub Actions, Docker, and CMake for multi-platform question binaries.
- Facilitated Cryptic Hunt - a 3-day, annual, campus-wide, hybrid treasure hunt, with 700+ participants.
- Speaker and organiser at a cryptography and cybersecurity bootcamp, CodexCryptum for 2 years.
- Played key roles in hackathons as a participant, review panel member, and event manager.
- Participated in Capture The Flag competitions, following my passion for research and problem-solving.

### The Next Chapter - Literature Club

June, 2022 – Feb, 2024

#### Co-Secretary

VIT, Vellore

- Coordinated internal management between departments as Co-Secretary.
- Participated in discussions and wrote editorials, organized literary events, and created promotional posts, stories, and digital content, while working with the Editorial, Management, and Design departments.
- Managed the club's Instagram page.

## CERTIFICATIONS

- **Solutions Architect Associate (SAA)** - Amazon Web Services (AWS) 🔗
- **Certified Cloud Practitioner (CCP)** - Amazon Web Services (AWS) 🔗