SAHARSH BHANSALI

🏠 Chennai, TN, India 📞 +91-9941286420 ✉ saharsh.bhansali15@gmail.com in saharsh-bhansali ⌗ saharshbhansali

EDUCATION

Vellore Institute of Technology   July, 2021 – July, 2025
Bachelor of Technology - Computer Science and Engineering - ***CGPA*** *-* ***9.17***   *Vellore, India*

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

WORK EXPERIENCE

Stealth Startup   June, 2024 – Present
<u>*Freelance*</u> | AWS, Nginx, Docker, Django, PyTest   *Remote*
- Provisioned cloud and security infrastructure. Set up API servers and reverse-proxy for different endpoints.
- Set up a Dockerized, self-hosted Supabase instance ⌕, with an externally managed Postgres database on a local docker network. Integrated the API service with the database, Supabase Realtime, and Supabase Auth.
- Created a test suite to unit-test the API using PyTest and Django's testing framework.

PROJECT EXPERIENCE

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
- Experimental inventory management system, to self-learn full stack development.
- Backend: Go, gofiber, and gorm
- Frontend: TypeScript, NextJS, TailwindCSS, MaterialUI, and ShadcnUI. CLI Frontend: Python
- Infrastructure: Docker (local application)

Career Node ⌕ | OpenAI GPT-3.5 API, TypeScript, Flask   June, 2023
- Integrated the OpenAI GPT-3.5 API for personalizing responses to users' resumes.
- Crafted prompts to extract information from resumes, suggest career paths, and curate learning material.

Self-Taught Tinkerer*
- **System Administration** ⌕ | Shell Scripting, Chezmoi, GNU Stow, Nix, Ansible: A development setup and streamlined workflow, with automated configuration management, rapidly deployable on multiple platforms.
- **Home Labs, CTFs, and Bug Bounties** | BurpSuite, Ghidra, Metasploit, JohnTheRipper, Gobuster, Exiftool, ReconDog, VirtualBox, ParrotOS, Kali Linux: Learning cyber-security through hands-on exercises.

EXTRA CURRICULAR

Association for Computing Machinery - Student Chapter   June, 2022 – Present
<u>*Research Lead*</u>   *VIT, Vellore*

- Developed 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 CodexCryptum, a cryptography and cybersecurity bootcamp, for 2 years.

CERTIFICATIONS AND ACHIEVEMENTS

- **Solutions Architect Associate (SAA-C03)** - Amazon Web Services (AWS) ⌕
- **Certified Cloud Practitioner (CLF-C02)** - Amazon Web Services (AWS) ⌕
- 2023 Yantra "Main Hack" - Education Track Winner (Career Node), VIT - Vellore.

TECHNICAL SKILLS

- **Technologies and 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