

# AKSHAY VOLLALA

B.Tech Graduate in Computer science and Cybersecurity with a Strong Foundation in Web Development, Python and Cybersecurity.

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**Portfolio** | **GitHub** | **Linkedin** | **Blog**

## EDUCATION

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### Aryabhata Concept School

Telangana Board of Secondary Education

Hanamkonda, Warangal

2017 - 2018

### SR Prime College

Intermediate MPC

Bhattupally, Warangal

2018 - 2020

### SR University

Bachelor of Technology Computer Science and Technology

Hanamkonda, Warangal

2020 - 2024

## EXPERIENCE

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### There is no earth b | Intern as Web Developer

Remote | April 2021 - October 2022

- Developed the first phase of the website, focusing on user experience and accessibility.
- Planned and implemented the technology infrastructure to support future growth.
- Maintained and updated existing web applications to ensure optimal performance.
- Participated in regular standup and team meetings to align on project goals.

### Secernate Games | Intern as Social Media Manager

Remote | March 2023 - June 2023

- Successfully grew social media followers to over 10,000 through strategic content creation and engagement initiatives, resulting increase in overall engagement.
- Built a strong online community, connecting with followers and encouraging interaction.
- Created content that increased brand visibility and attracted more traffic.
- Collaborated with the marketing team to maintain a consistent brand message across platforms.

### Cybersecurity Researcher

- Discovered SQL Injection vulnerabilities in three engineering college websites, enabling unauthorized access to the database.
- Identified Insecure Direct Object Reference (IDOR) flaws in a college web application, allowing unauthorized access to sensitive user data.
- Found a lack of Rate Limiting in a college web application, which could lead to denial-of-service attacks.
- Detected a Payment Modification vulnerability in major amusement park websites in India, risking unauthorized financial transactions.
- Delivered a live expert talk on Cybersecurity and Bug Bounty Hunting for aspiring cybersecurity students

## SKILLS

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Programming Languages: C, Python, Java  
Libraries/Frameworks: React.js, Next.js, HTML5, CSS  
Tools / Platforms: Linux, Git, Github, WordPress, VS Code  
Databases: MySQL, MongoDB

## PROJECTS / OPEN-SOURCE

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### Website Buster | Link

Python

Created a website enumeration tool inspired by Dir Buster that scans for web pages based on specified suffixes. Features a user-friendly interface that quickly returns status codes and page sizes, streamlining the process of web reconnaissance.

Code : <https://github.com/Akshay-Arjun/Website-Buster>

### Employee Management System | Link

Java

Simple Employee Management System Gui In Java. Made Using Java Swing & Serialization.

Code : <https://github.com/Akshay-Arjun/EmployeeManagementSystem>

### **National Level Project Management System | Link** *HTML, Python, Django, JavaScript, Mysql*

Developed an integrated online platform for project management, inspired by the Smart India Hackathon 2023 problem statement, to facilitate collaboration, tracking, and reporting on academic projects among students from various universities.

Code : <https://github.com/Akshay-Arjun/National-Project-Management>

### **Video Steganography | Link** *Python*

Developed a video steganography application that securely embeds encrypted text into video frames using AES-256 and RSA algorithms. This project won first place at the SRU Hackathon 2022, showcasing innovative data protection techniques.

Code : <https://github.com/Akshay-Arjun/Video-Steganography>

### **Abort India | Link** *React.js, Git, Vercel, Javascript*

Developed a comprehensive resource platform providing vital information on abortion in India. The site includes educational materials, FAQs, and access to support services, aiming to raise awareness and support informed decision-making.

Live : <https://abort-india.vercel.app>

### **Cybersecurity Network | Link** *React.js, Git, Vercel, Supabase*

Created a cybersecurity hub using ReactJS, ViteJS, and Supabase, featuring podcasts, anonymous Q&A discussions, and a collection of articles, tools, and resources for cybersecurity professionals.

Live : <https://cybersecurity-network.vercel.app/>

### **Web Music Player | Link** *React.js, Git, Vercel, Javascript*

A lightweight music app that focuses on simplicity and functionality. I wanted to keep things straightforward, so there are no fancy playlists or overwhelming options. Just search, play, and download your favorite tracks with ease.

Live : <https://plays-music.vercel.app/>

### **Personal Blog | Link** *Javascript, Next.js, Markdown, Vercel*

My personal blog designed to share insights on topics including cybersecurity, HackTheBox writeups, TryHackMe reports, and certifications. Currently features placeholder content, with plans for in-depth articles and tutorials.

Live : <https://akshay-blog.vercel.app>

## **CERTIFICATIONS**

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- Web developer Volunteer - **There is no earth b**
- Google Professional Cybersecurity Certificate - **Coursera (Google)**
- Ethical Hacking Essentials (EHE) - **Coursera (EC-Council)**
- Python for Data Science - **IIT Madras**
- Data Mining Specialization - **Coursera (University of Illinois)**
- Introduction to Software Testing - **Coursera (University of Minnesota)**
- Digital Marketing Strategy and Planning Specialization - **Coursera (Digital Marketing Institute)**

## **HONORS & AWARDS**

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- - The team that I am the leader and coder of won the SRU Hackathon in the cybersecurity domain.