

# SARANSH SINHA

+91 8349136340 ◇ Bhopal, India

[saransh.1903@outlook.com](mailto:saransh.1903@outlook.com) ◇ [linkedin.com/saransh-sinha](https://www.linkedin.com/saransh-sinha) ◇ [github.com/SharGen](https://github.com/SharGen)

## SUMMARY

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I am a student at VIT Bhopal pursuing my B.Tech in Computer Science with a specialization in cybersecurity and data forensics. I spend hours managing IT, cloud infrastructure, and vulnerability management. I am seeking a position as a cybersecurity analyst to develop security architecture techniques and mitigate company cyber risks.

## SKILLS

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<b>Languages</b>	Python, Javascript
<b>DataBase</b>	MySQL, PostgreSQL, MongoDB
<b>Frameworks</b>	React.js, Node.js, RestAPI
<b>Developer Tools</b>	Linux, WSL, VMware/Virtual Box, Visual Studio, Docker, GitHub

## PROJECTS

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### Data Recovery Tool ([GitHub](#))

- Recovers deleted Files/Data from USB and Hard Drives using python and shell cli.
- This tool can recover jpg, zip, png and pdf file types at current stage.
- It uses the burned bytes on the hard drive, looks for the hex signature of files, encapsulates files, and saves them locally.

### Scan Sniffer

- A unified fraud reporting platform utilizing AI-powered platform for real-time fraud report analysis and automatic submission to global agencies.
- Simplifies fraud reporting, raises scam awareness, and offers a secure, scalable solution.
- Python for AI and server processing, MongoDB for data storage, and Node.js for backend and website functionality.

### Circa Social Solutions

- CIRCA enhances customer-worker interactions with real-time connectivity, instant bookings, and live updates for better service and satisfaction.
- Circa Social Solution Services offers scalable infrastructure with AWS, AI insights, secure payments, and cloud capabilities for data processing and predictions.

## EDUCATION

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<b>Vellore Institute Of Technology</b>	CGPA: 7.7 Bhopal (B.Tech in CSE with Specialization in CSDF)	2021-2025
<b>Govt. Hr. Sc. School Surguja</b>	Percentage: 93.0 Ambikapur, CG	2019-2020
<b>Holy Cross Convent Sr. Sc. High Scool</b>	Percentage: 60 Ambikapur, CG	2016-2017

## ACHIEVEMENTS

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<b>Industrial Certifications</b>	Certified Ethical Hacker (CEH), AWS Certified Cloud Practitioner
<b>Self-Learning Certifications</b>	Google IT Support Specialization, Web Development Bootcamp

## EXTRA-CURRICULAR ACTIVITIES

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- Top 5 percent on Hack The Box [Link](#)
- Geeks for Geeks [Link](#)