

SAHIL SINGH RAWAT

✉ rawatsahilsingh0@gmail.com

🌐 www.sahilsinghrawat.in

📞 +91 9630133436

in sahil-singh-rawat (Sahil Singh Rawat)

A focused & goal-oriented professional with zeal to make a winning career as Cyber Security Engineer, Penetration Tester, Cyber Security Architect, Information Security Manager, Cyber Security Analyst, with an organization of high repute.

Education & Credentials

Pursuing

B.Tech. (CSE) from
NIIT University,
Rajasthan; *secured*
9.23 CGPA

2018

12th from Indore
Public School, Indore;
secured 89%

2016

10th from Carmel
Convent HSC School,
Indore; *secured*
8.6 CGPA

Executive Profile

- Success of winning several events & competitions including **Smart India Hackathon, Hult Prize Campus Round, IBM Hack Challenge, Paskathon, DSC WOW, NUHacks.**
- Significant exposure to **tools & technologies** encompassing Python, Java, Javascript, Shell Scripting, Metasploit, Cryptography, Penetration Testing, Network Security, Django, MongoDB, Hashcat, Nikto, John The Ripper etc.
- **Volunteered** to teach under-privileged children of local schools around NIIT University, as a part of Community Connect Course
- Awarded with **50% scholarship** in the university tuition fees for achieving high academic scores in school which was increased to **75% scholarship** for maintaining 9+ CGPA for an academic year in university
- Well-versed with **academic concepts & applicability** in the practical world showcased through multiple projects entailing Vaccine Supply Management using Blockchain & IoT Tools, Workflow Management System, Parking On The Go, Intelligent Post Lockdown Management System, Nano Technology in Archeological Research, and so on
- A quick learner, possessing analytical thinking capabilities with skills to work under pressure and meet deadlines

Knowledge Purview

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- Ethical Hacking
 - Security Research
 - Web Hacking
 - Cross-platform Application Development
 - Web Development
 - Bug Bounty Hunting
 - Penetration Testing

Key Skills

Communicator Collaborator

Critical Thinker Analytical

Certifications from FreeCodeCamp



Academic Projects

Title	Workflow Management System
Period	Feb'21 – Present
Description	It is a web application focused on tracking & managing tasks & project using a technique based on Kanban Board, Built in NodeJS, ExpressJS and Firebase
Contributions / Learnings	Gained exposure of Web Development, Designing Front-end & Back-end and Firebase.
Title	Bug Bounty Automation
Period	Jul'21 – Present
Description	A set of tools written in Python to run on a VPS, the tools scrape the list of public bug bounty programs and automate the process of reconnaissance, if a potential bug is found then an alert is sent to slack channel using slack API.
Title	Vaccine Supply Management Using Blockchain and IoT Tools
Period	Jan'21 – Present
Description	It includes researching an existing vaccine supply mechanism and devising a plan using Blockchain & IoT Technology to supply vaccines in remote areas efficiently.
Contributions / Learnings	Gained knowledge of BlockChain Technology, Research Fundamentals and IoT.
Title	Parking On The Go
Period	Sep'20 – Nov'20
Description	It was a web application for parking management & utilization of parking space. This application enabled users to quickly identify & book parking spaces using their smartphones.
Contributions / Learnings	Learnt about Software Development Fundamentals, SRS & SDD Generation and Prototyping.
Title	Intelligent Post Lockdown Management System
Organized By	IBM (IBM Hack Challenge)
Period	May'20 – Sep'20
Team Size	4
Technologies Used	NodeJS, Firebase, Flutter and APIs
Description	It was a smart post Covid Transportation Management System that worked on day distribution model basis with Aadhar number of users.
Contributions / Learnings	Developed a website that acted as a landing page and helped users to find the allotted day as well as display usage of public transport traffic trend by graphical method. Gained exposure of Web Development, NodeJS, FireBase & ExpressJS.
Title	Estimation of Crop Yield Using Modern ICT Tools (UpajVirasat)
Organized By	Smart India Hackathon 2020 (MHRD)
Period	Feb'20 – Aug'20
Team Size	6
Technologies Used	NodeJS, Firebase, Flutter, ExpressJS, APIs, Bootstrap and ML
Description	It was a complete solution developed for estimation of crop yield using mobile application, web application and SMS based API services.
Contributions / Learnings	Created 2 websites - one for displaying the data collected using various graphs, meant for Govt. & Public and the other for collecting the farm data from farmers & then storing the same in the database, meant for Krishi Adhikari Officers. Learnt about Web Development, NodeJS, Firebase and Team Management.
Title	Share The Need
Period	Feb'20 – Mar'20
Description	The project was developed as a platform to share and distribute essential items like food, water, medicines, sanitary pads etc. In situations like Covid-19, Where due to lockdown restriction, People are unable to access these essential items.
Title	Nano Technology in Archeological Research
Period	Sep'18 – Nov'18
Description	It was a research-based project focused on the usage of Nano Technology in archeological restoration techniques.
Contributions / Learnings	Gained knowledge of Nano Technology and Research & Development.

Extracurricular Activities

- Contributed as:
 - Chess Club Coordinator** for NIIT University and conducted multiple chess competitions
 - Active Member** of **Google Developer Students Club** of NIIT University
 - Academic Member** of **Student Association Committee (SAC)**; helped in resolving academic related issues of the university
- Bagged **Bronze Medal** in Inter-college / Inter-university Chess Competition conducted by BML Munjal University
- Volunteer at **Cyber Peace Corps**, an organization working towards CyberPeace across the world.
- Emerged as:
 - Smart India Hackathon 2020 Winner**: Delivered a solution for estimation of crop yield using modern ICT Tools
 - IBM Hack Winner**: Worked on problem statement – Intelligent Post Lockdown Management System
 - Innovative Category Award** at Hackathon in DSC WOW Event, a collaboration of various Google Developer Students Club
 - Grand Finalist** of **Covideate – IIT Bombay** – An ideathon organized at Techfest IIT Bombay
 - Hult Prize Campus Round, 1st Runner-up**: A start-up based Hult Prize Competition in the campus conducted by NIIT University, Neemrana
 - Pasckathon 2.0, 1st Runner-up**: Organized by ACM Pune Professional Chapter in association with PICT ACM Student Chapter
 - NUHacks 1st Runner-up**: Designed & curated ideas that would lead to a smart & sustainable future
 - Active Ctf Player @hackthebox** with rank **Pro Hacker**, and a Global rank in Top 500
 - Active Player @tryhackme** with rank **GURU**, and ranked in Top 1% players

Webinar Attended

- Cyber Security Best Practice to Protect Your Organisation in Cyberspace by Delnet in Dec'20
- Technical Skills for beginners in Cyber Security

Personal Details

GitHub: sahil-rawat

Website: sahilsinghrawat.co.in

Blog: www.sahilsinghrawat.in

Twitter: sahil_s_rawat

Languages Known: English and Hindi

Address: 19, Sarthak Vihar, Indore – 452020, Madhya Pradesh