

# RAHUL VEER SINGH

+91 9999618318 | [singh.rahul220499@gmail.com](mailto:singh.rahul220499@gmail.com) | [git.io/rahulveersingh](https://git.io/rahulveersingh) | [linkedin.com/in/rahulveersingh/](https://linkedin.com/in/rahulveersingh/)

## CAREER OBJECTIVE

To gain knowledge and work in a motivating environment and enhance my professional career prospects.

## TECHNICAL SKILLS

- Languages: C, C++, **Python**, HTML, CSS
- Framework: **Tkinter**, Flask, **OpenCV**
- Databases: **MySQL**, **Oracle**, **Sqlite**
- General: **Algorithms**, **Data Structures**, **OOPS**, Machine Learning, Docker, Jenkins.

## EDUCATION

Guru Gobind Singh Indraprastha University

**B.Tech. in Computer Science and Engineering**

Graduated with an aggregate CGPA of 8.34/10.0.

1<sup>st</sup> August 2017 – 11<sup>th</sup> August 2021

12th from KIIT World School with an aggregate CGPA of 7.8/10.0.

10th from Jagannath International School with an aggregate CGPA of 7.4/10.0.

## EXPERIENCE

**GPCSSI 2021, Delhi, India**

June 2021 – July 2021

*Cyber Security Intern*

- Mentored by **Mr. Rakshit Tandon** & various other guest speakers.
- Researched on several projects relevant to cybercrimes, ideating tools & solutions for the professionals to help them locate origin of attacks, vulnerabilities, etc promoting safe civilian internet access.

**DXC Technology, India**

March 2021 – May 2021

*Java Full Stack Developer Intern*

- Contributed to various projects using Spring framework, Hibernate, RESTful API, Docker and CI/CD.

**ITISARAS (N.P.O.), Delhi, India**

August 2020 – November 2020

*Web Development Intern*

- Contributed to the full-stack development of a website for project Dhaara using HTML and **Python**.

**Defence Research and Development Organisation (DRDO), Delhi, India**

June 2020 – August 2020

*Research Intern*

- Contributed to the development of an IDS for anomaly detection in connected IoTs by developing a CLI for feature extraction of malware detection using **Deep Learning**.
- Researched on the use of data science to improve the cybersecurity of a desktop.

**BBB Creations, Delhi, India**

May 2020 – June 2020

*Digital Marketing Intern*

- Worked on Google AdWords for filtering out high-value keywords for OFF page as well as ON page **SEO** for BBB Creations' website.

**PROJECTS** (5+ projects available on [github.com/rahulsingh237](https://github.com/rahulsingh237))

**AirGliders**

Contributed in full stack development of PWA using **Django** for backend and **Flask**, **OpenAI**, **HTML**, **CSS** for Frontend in the various functionality of the PWA. This application integrates the end-to-end user experience and application support into one single place.

**Need for Needy**

Contributed to the development of PWA using **Django** and in web scraping data from various websites for filtering out useful information using **Selenium**. This project was solely built for blind people.

**PUBLICATIONS** (2+ research papers available on [ResearchGate](https://www.researchgate.net) or [Google Scholar](https://scholar.google.com))

- Tyagi, A., Bhushan, B., & **Singh, R. V.** (2021). Big data analytics for wireless sensor networks and smart grids: Applications, design issues, and future challenges. Book: Integration of WSNs into Internet of Things, CRC Press, Taylor N Francis, USA, 135-163. DOI: 10.1201/9781003107521-8

## ACTIVITIES AND HONORS

- **Airbus Aerothon 3.0** Finalist.
- **789 rank globally** in **Google Code Jam** Qualifier Round 2021.
- Membership of **Australian InfoSec Association (A.I.S.A)** awarded in International Hackathon by **CSU, Australia**.
- Campus Vice President of International **HULT Prize**.