

Rahul Saxena

b417033@iiit-bh.ac.in | +91 7007900030 |

EDUCATION

IIIT BHUBANESWAR

BTECH IN COMPUTER SCIENCE
May 2021 | Bhubaneswar, Odisha
College of Engineering
Cum. GPA: 7.89 / 10.00
C Programming : 7.98/10.00
Data Structures Lab: 9.00/10.00
OOPs Lab: 9.13/10.00
Algorithms Lab: 9.41/10.00

LUCKNOW PUBLIC SCHOOL

Grad. May 2016 | Lucknow, India
Percentage: 90.2%

SACRED HEART SCHOOL

Grad. May 2014 | Obra, India
Cumulative GPA: 10.0/10.0

LINKS

Quora://
[quora.com/profile/Rahul-Saxena-30](https://www.quora.com/profile/Rahul-Saxena-30)
Github:// github.com/hinduBale
LinkedIn:// [linkedin.com/in/saxena-rahul/](https://www.linkedin.com/in/saxena-rahul/)

COURSEWORK

COLLEGE

C Programming
Data Structures
Object Oriented Programming (C++)
Design and Analysis of Algorithms
Theory of Computation
System Programming

SELF-TAUGHT

Networking
Cloud Deployment basics
Android Security
Python

SKILLS

PROGRAMMING

Fluent:
C++ • Core Java • Python • Javascript
Proficient:
C • HTML • CSS • Bash • VBS
Familiar:
Android • MySQL

VOLUNTEER

COLLEGE

Co-founder and head of InfoSec society
Head of "Papers We Love"
Problem setter for college competitions

EXPERIENCE

IIT PATNA | SUMMER RESEARCH INTERN

May 2019 – July 2019 | Patna, Bihar

- Worked on developing an economical routing algorithm for Electric Vehicles considering variables such as battery status, traffic density, maximum speed, etc.
- Used and developed an understanding of simulation softwares such as MATSim and visualisation softwares like Via.
- Understood scoring functions for iterations and the workings of heuristic algorithms.

CDAC AND ISEA | SECURITY AWARENESS SPEAKER

January 2018 - Present | IIIT Bhubaneswar

- Conducted several security workshops throughout the state of Odisha to spread awareness about cyber security.
- Prepared several like hacks, for example:
 - HID Attacks
 - WiFi Attacks
 - Phishing Attacks

PROJECTS

CONSOLE BASED C++ GAME | C++ DEVELOPER

Built a console based Snake game with my classmate as part of our OOPs class project. Implemented all features of OOPs. Game included basic features like different levels, highest score, login and sign-up.

WEATHER APP | JAVASCRIPT DEVELOPER

Developed a CLI as well as a GUI version of a Weather app that fetches the current weather of a city based on its name or pin code.

CLI BASED SECURE CHATAPP | JAVA DEVELOPER

Developed a CLI based chat app in Java. The app includes all basic features such as multi-threading, time stamps, group and individual chats.

COLLEGE EXAM PAPERS WEBSITE | FULL STACK DEVELOPER

Developed a fully functional website using the MERN stack that contains all previous year papers of our university with all standard features.

TOOLS AND FRAMEWORKS

- Operating Systems
 - Windows
 - Santoku OS
 - Kali Linux
 - Ubuntu
- Version Control
 - Git and GitHub
 - Heroku Toolbelt
- ns-3.29
- OWASP ZAP/Burp Suite
- Wireshark/TCP Dump
- Android Reverse Engineering Tools
- Jupyter Notebook/VS Code.