

# Rohit Shakya

<https://rohishakya.github.io/>

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## EDUCATION

**Department of Computer Science,  
University of Delhi— M.Sc. Computer Science**

JULY 2019 - PRESENT

Aggregate - 6.60 (CGPA)

**Ramanujan College, Kalkaji, New Delhi,  
University of Delhi— B.Sc. (H) Computer Science**

JULY 2016 - MAY 2019

Aggregate - 7.486 (CGPA)

**Kautilya Govt. Sarvodaya Bal Vidyalaya,  
Chirag Enclave, New Delhi— High School**

APRIL 2014 - MARCH 2015

Aggregate: 79.25%

## SKILLS & TOOLS

C, C++, PHP, Python, Javascript, Data Visualization and Analytics, Bootstrap, WordPress, Cloud hosting, Communication, and Collaboration Tools (Slack, Github, Skype, etc.), Office Suites, and Email Communication.

## AWARDS & ROLES

- Certified 5 Star Coder at HackerRank Platform.
- Organizer and Lead Developer in Turington Technical Fest- Ramanujan College
- Former Chess Captain- Ramanujan College
- Got 2nd and 3rd Position at Cypher-o-more and Chakrvyuh respectively in Sankalan'20.

## PROJECTS

<https://github.com/rohishakya/>

### Buffer Cache and Get Block Simulation

JANUARY 2020 - MARCH 2020

Simulated the buffer cache and get the block algorithm as a python application, Project in the operating system, and by developing this project, I assimilate and learned about:

- Scenarios of retrieval of buffers.
- Structure of the buffer pool and buffer header
- Algorithms for reading and writing disk blocks.
- Working in a multiprocessing environment.

### PHP based Blog Posting Site

APRIL 2020 - MAY 2020

Developed and Deployed a blog posting site featured with user authentication, weather report, news, and geolocation coordinate system that streams temperature and humidity data over the globe and broadcast breaking news in a more timely manner. Tech Stack used:

- Bootstrap
- PHP and PHP Curl API
- PHPMailer Library
- Javascript
- Mysqli

### JSON Formatter & Convertor

June 2020 - July 2020

Constructed a JSON Formatter using C++ to help folks with debugging, formatting, and beautifying the JSON data so that it is easy to read and debug and used for further processes and can be converted into other formats as well.