

Rohit Shakya

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

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EDUCATION

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

JULY 2019 - PRESENT

Aggregate - 6.40 (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

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

PROJECTS

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

Buffer Cache and Get Block Simulation

JANUARY 2020 - MARCH 2020

This project was my first application in MSc 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 of a computer application.

PHP based Blog Posting Site

APRIL 2020 - MAY 2020

Using PHP, JavaScript, Bootstrap, and Mysqli. Developed 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. By building this project, I have learned about:

- Javascript API's
- PHP Curl API
- PHPMailer Library

PHP Mailer System

FEBRUARY 2019 - March 2019

Developed a user-friendly PHP mailer system using the PHPMailer library, which is embedded in a web application, used to send emails safely and easily via the webserver.