

Rohit Shakya

Software Developer
Viva Online Learning Technologies
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Links

github.com/rohitshakya
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Skills

OS

GNU/Linux, Windows

LANGUAGES

C++, Java, Python, JavaScript, PHP, SQL

FRAMEWORKS AND LIBRARIES

CodeIgniter, Laravel, React, Bootstrap

AUTOMATION TESTING

Selenium, TestNG, JUnit, JMeter

WEB STANDARDS AND APIS

jQuery, Ajax, HTTP, SOAP, REST, JSON, XML

OTHERS

AWS, Git, Github, Microsoft Azure,
Postman, LaTeX, Sublime Text,
Eclipse, Figma, Cesium, Firebase

Coursework

Data Structures & Algorithms,
Deep Learning, Network Science,
Discrete Mathematics,
Advanced Operating Systems
Information Security
Computer Networks, DBMS

Education

2019-2021

MSC COMPUTER SCIENCE

Department of Computer Science,
University of Delhi
CGPA : 7.531/10

2016-2019

BSC (H) COMPUTER SCIENCE

Ramanujan College,
University of Delhi
CGPA: 7.486/10

2013-2015

INTERMEDIATE

Kautilya Govt. Sarvodaya Bal Vidyalaya,
Chirag Enclave, New Delhi
Percentage: 79.25%

Experience

JAN 2021-PRESENT **Viva Online Learning Technologies** **Software Developer**

- Developed a web-based comprehensive educational program that takes care of the school curriculum, learning at school, self-learning, and assessment using PHP and Javascript.
- I did research, design, implement, upgrade, and manage software programs.
- I have identified areas for modification in existing programs and subsequently developing these modifications.
- I have determined the operational practicality using DFDs and the architectural flow of the software systems.
- I have worked closely with other developers, UX designers, business and systems analysts.
- I have exposure to backend development, automation testing, performance testing, third-party software integrations, database management, API development, and end-to-end system designing of web applications.

PHP, JavaScript, Java, CodeIgniter4, Selenium, Jmeter, SQL, HTML, jQuery

Roles and Responsibilities

- Organizer and Lead Developer at Turington Technical Fest.
- Former Chess Captain-Ramanujan College.
- 5 Star programming certification at the Hacker Rank Platform.

Projects

See full list of projects on github.com/rohitshakya

2021-PRESENT **Viva Volt**

CI4, PHP, JavaScript, HTML, SQL

Innovative learning platform based on MVC architecture featuring video lessons, Smart Interactivity, Gamified Learning, Ebooks, Online Worksheets, Progress Tracker, Cloud storage, and exposure to many third-party microservices.

2019-2020 **Buffer Cache Simulation**

Python, Operating System

Academic project in the operating system to implement Getblk aimed to simulate buffer management in the UNIX system. By developing this project, I assimilate and learned about scenarios of retrieval of buffer, the structure of the buffer pool and buffer header, algorithms for reading and writing disk blocks, working in the multiprocessing environment of a computer application, etc.

2019-2020 **Beautifier and Formatter**

C++, Strings Manipulation

This tool helps make the formatting of a file consistent. It makes to format JSON. You can use this tool to make that code look pretty and readable.