

Rohit Shakya

Software Developer
Viva Online Learning Technologies
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Links

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hackerrank.com/rohit_rkshakya

Skills

OS

GNU/Linux, Windows

LANGUAGES

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

FRAMEWORKS AND LIBRARIES

CodeIgniter, Laravel, Bootstrap

AUTOMATION TESTING

Selenium, TestNG, JUnit, JMeter

WEB STANDARDS AND APIS

jQuery, Ajax, WEB APIs, JSON, REST, SOAP

OTHERS

AWS, Git, Github, Microsoft Azure,
Postman, LaTeX, VS Code,
Eclipse, Figma, Cesium, Firebase

Coursework

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

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 web-based comprehensive educational programs targeting thousands of Ed-tech users.
- Did research, design, implement, upgrade, and manage software programs that doubled the efficiency of the project.
- Determined the operational practicality using DFDs and the 100% architectural flow of the software systems to consolidate end-to-end service processes.
- Worked closely with other developers, UX designers, business and systems analysts, and restructured communication flow.
- Having 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.

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

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, Game-based Learning, E-books, Online Worksheets, Progress Tracker, Cloud Storage, and Integration with many third-party micro-services.

2019-2020 **Buffer Cache Simulation**

Python, Operating Systems

Academic project in the operating systems to simulate Getblk and buffer management in the UNIX system, Learnt about the scenarios of retrieval of buffer, the structure of the buffer pool and buffer header, and the algorithms for reading and writing disk blocks, etc.

2018-2022 **Misc Web-Based Projects**

JS, PHP, CI4, Web APIs

Full-stack web applications, Internet commerce websites, LMS, Content Management Systems, Calendar, OCR, CSS Shape-Maker, Karaoke Render, Data beautifier, and other Ed-tech-based activities and puzzlers.

Roles and Responsibilities

- Organizer and Lead Developer at Turlington Technical Fest, in a team of 10.
- Former Chess Captain-Ramanujan College coordinated the team of six.
- Programming certification at the Hacker Rank Platform.

Relevant Interests

Competitive Coding, Open Source, Cloud Native Technologies, DS & Algorithms.