Rohit Shakya

Software Engineer(Back End)
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Links

github.com/rohitshakya
linkedin.com/in/rohitrkshakya/
hackerrank.com/rohit_rkshakya

Skills

OS
GNU/Linux, Windows

LANGUAGES
C++, PHP, JavaScript, Java, SQL

FRAMEWORKS AND LIBRARIES
CodeIgniter, Laravel, Phalcon, MVC

AUTOMATION TESTING
Selenium, TestNG, JUnit, JMeter

WEB STANDARDS AND APIS
jQuery, Ajax, WEB APIs, JSON, REST

OTHERS
AWS, Git, SVN, 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%

Work Experience

JAN 2021-PRESENT **Software Engineer**

- Developed web-based comprehensive Volt educational programs, handled the internal and external Smartship logistics operations targeting thousands of ed-tech, logistics and supply chain users.
- Did research, design, implement, upgrade, and manage software programs that doubled the efficiency of the project.
- 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.
- Proficiency in MySql, and DBMS methods such as indexing, access methods, concurrency control, logging, caching, transaction processing, replication, query compilation, optimization, execution, and parallel execution.
- Determined the operational practicality using DFDs, best practices 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.
    CodeIgniter4, PHP, JavaScript, Java, Selenium, Jmeter, SQL, HTML, jQuery

Projects

See full list of projects on **github.com/rohitshakya**

2022-PRESENT **Smartship.in** **PHP, CI, Phalcon**
Smartship is the best logistic service provider as it helps in optimizing shipping performances by increasing successful delivery rate and reducing shipping expenses up to 40%. Ship anywhere in India using best courier partner at discounted rates.

2021-2022 **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.

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, Buffer Cache Simulation, and puzzlers.

Relevant Interests

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