

ROHIT SHAKYA

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Profile Snapshot

Experienced software development engineer with a proven track record of three years in conceiving and crafting innovative solutions across diverse sectors, including e-commerce, logistics, healthcare, and education technologies.

Experience

Healthians

April 2023 – Present

Software Development Engineer 2

Gurgaon, Haryana

- Worked on the Phlebo app, developing features such as phlebotomy services, appointment scheduling, patient data management, inventory management, handovers, and logistics.
- Contributed to the development and revamp of the ERP/CRM platform, enabling our sales and operations team to serve customers, leads, and businesses at Healthians.

Shopclues

Feb 2022 – April 2023

Software Engineer

Gurgaon, Haryana

- Designed robust APIs and various back-end systems for SmartShip.in, an e-commerce logistics solution provider, offering services including Order Management System, Logistics Routing and Optimization, Integration with Shipping Carriers, and Analytics and Reporting.
- Implemented error handling, logging, and performance optimization techniques to enhance code quality and system performance, facilitating seamless integration with external systems and ensuring efficient data flow and functionality.

Viva Online Learning Technologies

Jan 2021 – Feb 2022

Software Engineer

New Delhi, Delhi

- Gained experience in backend development, automation testing, performance testing, third-party software integrations, database management, API development, and end-to-end system design for web applications.

Education

Department of Computer Science, University of Delhi

July 2019 – May 2021

Master of Science in Computer Science

New Delhi, India

Ramanujan College, University of Delhi

June 2016 – May 2019

Bachelor of Science in Computer Science

New Delhi, India

Recent Projects

Shipment Carrier Delivery Status Update System | PHP, SQL, RabbitMQ, REST APIs

January 2023

- Designed a messaging queue system that enables real-time updates of shipment carrier delivery statuses. The system will utilize a polling mechanism to collect data from carrier APIs, process it, and then distribute it to relevant stakeholders.
- Implemented a polling mechanism that periodically queries carrier APIs for shipment status updates. This polling should occur at regular intervals to keep the information up to date.

smartship.in | JavaScript, PHP, CodeIgniter 4, Phalcon, Sql

June 2022

- Implemented carrier, channel, and wallet integrations, bug fixing, merchant-based settings, modules, APIs and Cron jobs for the generation of insights via self-serve computing, solutions and third party software integrations.
- Frequently used DBMS methods such as indexing, concurrency control, logging, caching, transaction processing, and query optimisation to boost system productivity.

vivavolt.in | PHP, CodeIgniter 4, JS, AWS

January 2021

- This project involved creating a comprehensive educational technology platform with a range of features and activities to improve the learning experience, and the ability to contribute to complex, multifaceted projects.
- Built modules such as Content Management System, Course Scheduler, Games, Progress Tracker and course recommendation System, integrated OCR, CSS Shape-Maker, Karaoke Render, Data Beautifier.

Technical Skills

Languages: PHP, Java, C++, JavaScript, Python, SQL, AJAX, jQuery

Frameworks: Laravel, CodeIgniter 4, Phalcon, Bootstrap

Web Services: REST, SOAP, JSON, Rabbit MQ, Apache, NGINX, Web Sockets

Others: MySQL, NoSql, GIT, SVN, AWS, ELK, Selenium, JMeter

Relevant Interests

- Problem Solving, Competitive Coding, Open Source, Cloud Native Technologies, Data Structures & Algorithms.
- High-Level Design, Low-Level Design, Design Patterns, Database Design and Modeling, and System Optimization.