

Yash Kumar Agrawal

Software Engineer

✉ ykagrawal2398@gmail.com

📞 +91 9982546262

📍 Noida

in linkedin.com/in/yashkumaragrawal

github.com/yashkumaragrawal

EDUCATION

B.Tech (C.S.E)

The LNM Institute of Information Technology

07/2016 - 07/2020

GPA - 6.5/10

Courses and activities

- Computer Science

Higher Secondary(R.B.S.E)

Nirmal Happy Senior Secondary School

07/2013 - 05/2015

87.2%

Courses

- Physics
- Chemistry
- Mathematics

WORK EXPERIENCE

Software Developer

Kritikal Solutions

02/2020 - Present

Noida

Projects I contributed to:

- **1. Image Store (Golang)**-----
 - Worked on Google firestore and cloudstore using the Go language, following idiomatic Go patterns.
 - Used gin library for building REST APIs and performing POST, PUT, GET, DELETE operations on images, and text data.
 - Built middlewares for authentication.
- **2. HR Organizational Website (DOTNET, React JS, SQL)**---
 - Developed a complete production-ready website. Applied Redux framework and Flux architecture for efficient state management.
 - Solved issue of unresponsive pages on slow browsers (Ex-IE11) by reducing render time of webpage.
 - Reduced latency in data fetching operations by almost 80% by improving database architecture using datatypes like 'hierarchyid'.
 - Used Web Sockets to ensure multiple sessions/users synchronization.
 - Developed APIs in the backend for storage and retrieval of relevant data to/from SQL tables, as well as exporting data to downloadable SVG, PNG, CSV files. Developed pixel-perfect UI features such as hover drop-downs, modals, forms, filters, interactive tables, etc using ReactJS, HTML, and CSS maintaining cross-browser compatibility.

SKILLS

PHP

JAVA

React JS

CSS

GoLang

MySQL

Data Structures

Algorithms

PERSONAL PROJECTS

Student Information System (09/2019 - 12/2019)

- A desktop based application created using Java Swing and MySQL (Database).
- It is a Student Information System where any enrolled student can log in and view his/her personal, academic and miscellaneous information.
- Students can extract their information and fee receipt in pdf format from UI.

Online Quiz System (10/2018 - 10/2019)

- A PHP based web-application for conducting quizzes and exams for the students.
- Students can attempt the quiz through this online portal.
- After attempt exam students and teachers can view their results.
- Teachers can take exams for one or more than subjects.

ACHIEVEMENTS

Star of the Quarter at Kritikal Solutions (09/2020 - 12/2020)

Awarded Star of the Quarter by Kritikal Solutions for my contribution and impact in the quarter of September-December 2020.

Volunteer of ASME

Participated in ASME(The American Society of Mechanical Engineers) as volunteer.

In Top 1% in 10th

Awarded Laptop For Being In The Top 1 Percentile in XBoard (Rajasthan Board of Secondary Exam).

Mastered Code Ninja on InterviewBit

Cleared Ninja test conducted by InterviewBit to check overall coding capability.

INTERESTS

Math

Basket Ball

CRICKET