

# RUPENDAR KUMAR

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## PROFESSIONAL SUMMARY

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Aspiring Software Developer with a strong foundation in Data Structures and Algorithms (DSA) and hands-on experience in building scalable web applications using React.js, Tailwind CSS, and JavaScript. Currently pursuing MCA with a solid academic track record and a passion for solving real-world problems through code. Skilled in developing responsive UIs, integrating third-party APIs, and implementing optimized workflows in projects like coal mine management systems, mental health platforms, and budget/task automation tools. Adept at collaborative development, version control (Git), and applying efficient coding practices. Eager to contribute as a developer intern in a dynamic tech environment while continuously learning and growing.

## EDUCATION

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### SCRIET, CCSU

MCA Computer Applications: 82.35%

Meerut  
August 2023 - July 2025

### KMV, University of Delhi

BSc Computer Science GPA: 8.1

Delhi  
August 2020 – July 2023

### Karan Public School

Higher Secondary Education Science GPA: 86.67%

Meerut, India  
April 2019 - March 2020

## SKILLS

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Data Structures and Algorithms

Database Management:

SQL, JsonPowerDB

Web Development:

HTML, CSS, Tailwind, Bootstrap, NodeJS

Programming Languages:

C, C++, JAVA, Python, JavaScript

Computer Networking

Data Analysis

## PROJECTS

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### Avilambh

[Link](#)

Tech Stack: React.js, Tailwind CSS

- Developed a Coal Mine Management System designed to automate and optimize manual workflows in coal mine operations.
- Implemented features such as job scheduling, resource allocation, and performance tracking, improving operational efficiency and team productivity

### Meme maker

[Link](#)

Tech Stack: React.js, Tailwind CSS, Imgflip API

- Built a dynamic meme generation tool that allows users to select templates and add custom captions.
- Integrated the Imgflip API to fetch meme templates and facilitate on-the-fly meme creation.

### Kiwi: mental health platform

[Link](#)

Tech Stack: React.js, Tailwind CSS

- Created a web-based mental health support system featuring a chatbot for instant support
- A platform to connect users with mental health professionals, promoting well-being .

### Snake Game

Tech Stack: Python, Pygame

- Designed and implemented a classic snake game using Python's Pygame library.
- Focused on user input handling, game logic, and real-time collision detection, enhancing understanding of game loops and event-driven programming.

### Guardian: Student Time & Money Managing Website

[Link](#)

Tech Stack: HTML, CSS, JavaScript, Node.js

- Built a comprehensive platform for task scheduling and budget management for students.
- Implemented a ticketing system for prioritizing tasks based on deadlines and a financial tracker to monitor expenses.
- Submitted as part of Hack CBS 5.0 Hackathon.

## **Experience**

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### **Front-end Developer**

Tryst – KMV, DU

Undertook Front-end development of the college fest website & got **over 2000 registrations** for the events and event passes

## **ACHIEVEMENTS / CERTIFICATES**

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Networking Basic Networking Essentials, Introduction to cybersecurity

HTML and CSS certification

JsonPowerDB Beginner

Certificate of Participation from Hack CBS 5.

**Cisco**

**Sololearn**

**Login2Xplore**

**MLH, SSCBS**

## **INTERESTS /HOBBIES**

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Badminton

Flute