

# VIKASH KUMAR

Student



+91 7992391688



heyvkr@gmail.com



<https://github.com/Vortex-71>



<https://www.linkedin.com/in/vikash-kumar-9b0819277/>

## EDUCATION

**Bachelor of Technology**

**SRM University**

**Computer Science and Engineering (CSE) with Artificial Intelligence (AI) and Machine Learning (ML)**

2023 - 2027

## SKILLS

- Problem-solving
- Adaptable
- Detail-oriented
- Critical Thinking
- Compassionate

## TECHNICAL SKILLS

- C/C++ (intermediate)
- Python (beginner)
- Html, CSS & JS (intermediate)
- TypeScript (beginner)
- Angular (beginner)
- Flask (beginner)
- Figma
- SQL, Firebase, REST APIs
- Java (beginner)

## ABOUT ME

Enthusiastic and driven Software Engineering student with hands-on experience in JavaScript, Python, and TypeScript, currently focused on building modern web applications and integrating cloud services for optimal performance. Passionate about open-source contributions and teamwork, with a strong motivation to solve complex challenges through continuous learning. Adept at front-end and AI-powered solutions, and eager to apply creative problem-solving skills in real-world scenarios to deliver innovative, user-centric products.

## PROJECTS

### Scheduling Algorithm

FEB,2024 - FEB,2024

using JavaScript to simulate process scheduling in an OS.

### Developed a Markdown Preview Tool

MAR,2024 - MAR,2024

Markdown Preview Tool in TypeScript, enabling live rendering of markdown text in the browser.

### Designed a Weather Application

MAR,2024 - MAR,2024

Weather Application in TypeScript with real-time weather API integration for accurate forecasting.

### Built a Crowd Management System

JAN,2025 - ONGOING

Crowd Management System leveraging AI to analyze and predict crowd density, implementing alert mechanisms for enhanced safety. (In development Phase)

## ACADEMIC PROJECTS

### Online ATM System

1st Sem, 2023

### Java Chat Bot

3rd Sem, 2024

## DEPLOYED PROJECT LINKS

### Weather Application

<https://weather-gilt-five.vercel.app/>

### Markdown Preview

<https://mpvk.web.app/>