VIKASH KUMAR

Student

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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

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/