

Shruti Sharma

<https://www.linkedin.com/in/shruti-sharma-922875231>
shrutishar03@gmail.com

EDUCATION

GURU NANAK DEV UNIVERSITY, AMRITSAR

B.TECH IN COMPUTER SCIENCE
2025 | Amritsar

JIYALAL MITTAL DAV PUBLIC SCHOOL, GURDASPUR

12 STANDARD
2021 | CBSE
88 percent

LITTLE FLOWER CONVENT SCHOOL, GURDASPUR

2019 | ICSE
92 percent

LINKS

mail 1:// shrutishar107@gmail.com
mail 2:// shrutishar03@gmail.com
LinkedIn://
<https://www.linkedin.com/in/shruti-sharma-922875231>
Phone no.:// 7347682017

COURSEWORK

UNDERGRADUATE

Java programming Operating Systems
Artificial Intelligence
Machine Learning
Computer Networks Cloud Computing
Research and Data Analysis (*Research Asst. & Teaching Asst 2x*)

SKILLS

PROGRAMMING

Java • Machine Learning • Python • HTML
CSS • Javascript • Artificial Intelligence • Data Analysis
C • C++ • DSA
Familiar:
• Web • Android • MySQL

Soft Skills:

•Project Management •Leadership
•Communication Skills

PROJECTS

ALGORITHM VISUALISER |DSA , WEB DEVELOPMENT

Developed a dynamic algorithm visualizer project utilizing HTML,CSS and JavaScript, coupled with Data Structures and Algorithm(DSA) concepts. Designed an interactive web-based platform to illustrate complex algorithms, enhancing user understanding through visual representations. Implemented responsive layouts with HTML and CSS for an intuitive user experience.

PORTFOLIO | HTML | CSS | JAVASCRIPT

Developed a dynamic and visually appealing personal portfolio website using HTML, CSS, and JavaScript. The site features a fully responsive design, ensuring optimal viewing and interaction experiences across a wide range of devices from desktops to mobile phones. Implemented modern web development practices including flexible grid layouts, media queries, and CSS animations to enhance user engagement and accessibility. This project demonstrates a strong proficiency in front-end web development and a keen eye for design aesthetics.

IOT BASED ROVER |IoT | ANDROID | CLOUD

Engineered an innovative IoT-based rover designed for agricultural applications, equipped with sensors to monitor humidity, temperature, and distance. Integrated Bluetooth connectivity for seamless data transmission and cloud management for real-time data analysis and storage. Developed a user-friendly mobile app for remote control and monitoring, enhancing precision and efficiency in agricultural operations. This project showcases advanced skills in IoT, sensor integration, wireless communication, and mobile app development.

RESEARCH

DISASTER MANAGEMENT RESEARCH | STUDENT

Collaborated with a leading professor on cutting-edge disaster management research, utilizing advanced programming and data analytics techniques. Conducted comprehensive analysis on Scopus-indexed data files to identify patterns and develop predictive models for disaster response and mitigation. This research experience underscores a strong ability to apply technical skills in programming, statistical analysis, and data visualization to real-world challenges in disaster management.

CERTIFICATIONS

- | | |
|------------------------------------|---|
| 1. Google Certification - Coursera | Project Management- Foundations |
| 2. Google Certification - Coursera | Project Management-Project Initiation |
| 3. Google Certification - Coursera | Project Management- Project Planning |
| 4. Google Certification - Coursera | Project Management- Project Execution |
| 5. Google Certification - Coursera | Agile Project Management |
| 6. Google Certification - Coursera | Project Management- Real World Projects |

CO-CURRICULAR ACTIVITIES

•Led strategic promotional initiatives for the Computer Engineering Student Society, resulting in a 50% increase in membership sign-ups and a 35% rise in event sponsorships over six months. •Extensive Mentoring:Personally mentored over 200 students and actively continue to provide support.I,here specialized in tutoring difficult subjects such as DSA, Physics ,Mathematics ,C++,DCLD,and other crucial B.TECH subjects

