Bhavin Sharma

9660788400 Mail LinkedIn GitHub

Education

SRM Institute of Science and Technology **CGPA: 9.06**
B.Tech CSE Core *2025*

MDS Public School **Percentage: 92**
CBSE *2021*

St. Gregorios Sr. Sec. School **Percentage: 94.8**
CBSE *2019*

Experience

EY GDS **March 2025**
Consulting Intern - Testing *1 Month*
Completed a month-long training period focused on software testing methodologies, automation tools, and best practices.
Gained experience in executing test cases and analyzing system behavior to ensure compliance with business requirements.

Certifications

Oracle Foundation Associates Certification
Issued by Oracle *2024*

Technical Skills and Interests

Languages: C++, Python, SQL, HTML, CSS
Developer Tools: Visual Studio Code, Jupyter Notebook, Jenkins
Frameworks: ReactJS, Bootstrap
Cloud/Databases: MySQL
DevOps: CI/CD Pipeline, Terraform, Kubernetes, Docker
Skills: Data Structures and Algorithms, Object-Oriented Programming, Front end Web Development, Operating Systems, Computer Networks, Software Engineering, Machine Learning

Projects

1. **E-Commerce Platform** GitHub
   - Developed a dynamic E-commerce platform using JavaScript, HTML, CSS, PHP, and MySQL, providing secure user registration, product cataloging, cart management, and order tracking functionalities.
2. **AI-Powered Security X-Ray System** GitHub
   - Built an AI-based system for detecting prohibited items in airport security X-ray scans using YOLOv8.
   - Developed and optimized a deep learning model for object recognition in grayscale X-ray images, improving detection accuracy.
   - Utilized real-world datasets to train and validate the model, ensuring high precision in identifying threats.
3. **ASL to TTS and Text for Regional Languages** GitHub
   - Designed a real-time system to translate American Sign Language gestures into text and speech, supporting multiple regional languages.
   - Implemented an LSTM and CNN-based model for gesture recognition and classification.
   - Integrated video processing pipelines to extract hand movement features efficiently.

Extra Curricular

- **IEEE PROFESSIONAL BODY:** Technical Team Member (PRESENT)
  SRM IST K.T.R