

I am a third-year B.Tech Computer Engineering student at SRM Institute, passionate about merging technology, business strategy, and public relations. Skilled in coding and problem-solving, I aim to deliver impactful, innovative solutions across technical and corporate domains.

## Work Experience

### Member

Mar 2024 - Present

Directorate of Student Affairs, SRMIST (DSA) | Chennai, Tamil Nadu, India

### Member

Jan 2024 - Sep 2025

Computer Society of India, SRM-KTR

## Projects

### Virtual mouse control

Jul 2025 - Aug 2025

Virtual Mouse Control – Hands-Free System | AI-powered Python app using MediaPipe & OpenCV to control your computer with hand gestures (cursor, clicks, exit). Touchless, cross-platform, and futuristic!

### Sonar-Rock-Mine-Classification

Present

Developed a machine learning model to classify UCI Sonar signals as Rock or Mine. Implemented preprocessing, PCA, and multiple algorithms (Logistic Regression, SVM, Random Forest, KNN), optimized with GridSearchCV, and evaluated using Accuracy, ROC, and PR curves.

### AI Resume Analyzer & Job Matcher

Present

Developed a Streamlit web app, AI Resume Analyzer & Job Matcher, to compare resumes against job descriptions, highlight missing skills, provide match scores, and suggest improvements. Built using Python, scikit-learn, NLP tools, Matplotlib, and interactive web components.

### Weather Dashboard

Present

Developed a responsive, interactive Weather Dashboard web app providing current weather and 3-day forecasts. Features include live clock, dark/light mode, temperature unit toggle, dynamic backgrounds, hourly temperature line chart, and geolocation-based weather fetching. Built with HTML, CSS, JS, and Chart.js.

## Volunteer Experience

### Ngo internship

Jun 2025 - Jun 2025

Hineni Foundation

## Core Skills

Remote Sensing, Natural Language Processing (NLP), Python Development, Data Processing, Web Development,

GUI Interaction, Real-time Monitoring, OpenCV, Business email, Business, Machine Learning, Internet of Things (IoT), Full-Stack Development, Cybersecurity, Database Management System (DBMS), C++, Python (Programming Language), Sales Management, Customer Service, Business Analytics

## Education

**SRM Institute of Science and Technology (SRMIST)**

Jun 2023 - May 2027

**BTech Computer science** 3rd year

## Languages

**Malayalam** (*Fluent (Native)*), **English** (*Fluent (Professional Proficiency)*), **Hindi** (*Conversational*)

## Certificates

**Artificial Intelligence Fundamentals**

*IBM*

**Building LLM Applications With Prompt Engineering**

*NVIDIA*

**AWS Certified Machine Learning - Specialty**

*Amazon Web Services (AWS)*

**Python**

*HackerRank*