Girisankar S M

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Thiruvananthapuram, Kerala, India

Member

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