

# GIRISANKAR S M

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## EDUCATION

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**SRM INSTITUTE OF SCIENCE & TECHNOLOGY**

BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE AND ENGINEERING

KATTANKULATHUR

6.2 CGPA, 2023–2027

**NAVAJEEVAN BETHANY VIDYALAYA**

HIGHER SECONDARY

TRIVANDRUM

2021-2023

## EXPERIENCE

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**GOOGLE AI-ML Intern**

OCTOBER 2025 – DECEMBER 2025

Google for Developers · Internship

Chennai, Tamil Nadu

- Completed a 10-week AI-ML virtual internship focused on Machine Learning and Computer Vision applications.
- Worked with TensorFlow and applied ML concepts to build and evaluate predictive models.
- Gained hands-on experience in model training, evaluation metrics, and deployment concepts.
- Strengthened understanding of scalable AI systems and practical implementation workflows.

**AI & Cloud Technology Intern**

SEPTEMBER 2025 – OCTOBER 2025

Edunet Foundation · Internship

Chennai, Tamil Nadu

- Developed and trained machine learning models for real-world problem statements using Python and Scikit-learn.
- Performed data preprocessing, feature engineering, and model evaluation to improve prediction reliability.
- Implemented classification and regression algorithms and analyzed performance using accuracy, precision, and recall metrics.
- Collaborated in a structured development environment following industry-oriented workflows.

## PROJECT

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**AI Resume Analyzer & Job Matcher** | Python, Natural Language Processing (NLP), Streamlit,

Google-Generative AI

- Built an AI-driven resume analysis system to match candidate resumes with job descriptions using NLP-based similarity scoring.
- Implemented skill extraction, keyword gap detection, and personalized improvement suggestions using LLM integration.
- Designed and deployed an interactive Streamlit dashboard for real-time resume evaluation and feedback.

**QuakePulse — Live Global Earthquake Tracker** | Python, Streamlit, Plotly, Folium, USGS API

- Developed a real-time seismic monitoring dashboard fetching live earthquake data every 60 seconds from USGS APIs.
- Implemented interactive geospatial clustering, heatmaps, magnitude-based alerts, and 3D analytics visualizations.
- Calculated cumulative seismic energy release and deployed the application on Streamlit Cloud.

**Credit Card Fraud Detection API** | Python, FastAPI, Scikit-learn, Docker

- Built a production-style ML web application to classify fraudulent transactions using a Random Forest model.
- Implemented preprocessing pipelines with StandardScaler and SMOTE to handle imbalanced datasets.

- Designed RESTful API endpoints for real-time fraud prediction and containerized the system using Docker for Linux deployment.

## TECHNICAL SKILLS

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**Programming Languages:** Python, C, C++, Java, JavaScript, HTML, CSS, MySQL

**Frameworks & Libraries:** FastAPI, Streamlit, Flask, React, Scikit-learn, TensorFlow, Pandas, NumPy, Plotly, Folium

**Machine Learning & AI:** Natural Language Processing (NLP), Generative AI, Large Language Models (LLMs), Prompt Engineering, Random Forest, SMOTE, Feature Engineering, Model Evaluation

**Cloud & DevOps:** AWS, Microsoft Azure, Google Cloud Platform (GCP), Oracle Cloud Infrastructure (OCI), Docker, Kubernetes, Podman, Load Balancing, Cloud Storage, Cloud Security

**Databases:** MySQL, MongoDB

**Developer Tools:** Git, GitHub, VS Code, Postman, Jupyter Notebook, Google Colab, Uvicorn

**Core Concepts:** Data Structures & Algorithms, Operating Systems, Database Management Systems, Computer Organization & Architecture, Networking Fundamentals

## CERTIFICATIONS

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- Oracle Cloud Infrastructure 2025 Certified Generative AI Professional – Oracle
- Oracle Cloud Infrastructure 2025 Certified Data Science Professional – Oracle
- AWS Certified Machine Learning – Specialty – Amazon Web Services
- Implement DevOps Workflows in Google Cloud – Google Cloud Skill Badge
- Deploy Kubernetes Applications on Google Cloud – Google Cloud Skill Badge
- Red Hat OpenShift Development I: Introduction to Containers with Podman (DO188) – Red Hat
- Introduction to Machine Learning – NPTEL