

# RANGESH S

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## CAREER OBJECTIVE

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Motivated AI/ML and Data Analysis professional skilled in Python, machine learning, and statistical modeling. Experienced in data preprocessing, visualization, and building predictive models to extract insights. Seeking to apply analytical expertise and problem-solving skills to contribute to data-driven decision-making.

## SKILLS

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LANGUAGES: Python

WEB DEVELOPMENT: HTML,CSS, java script, node.js

DATABASE: SQL

DATA ANALYSIS & VISUALIZATION: Pandas ,Numpy ; Tools-Excel, Power bi

AI: Prompt engineering, GPT models

WEB TOOLS: Git & Git Hub

## PROJECTS

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### MOVIE RECOMMENDATION SYSTEM

- Developed a Movie Recommendation System using Machine Learning to provide personalized movie suggestions based on user preferences. Applied cosine\_similarity (scikit-learn) with Python and Pandas for similarity matching and recommendation generation.

### IPL DATA ANALYSIS(2008-2024)

- Analyzed IPL data (2008–2024), created visual insights, and used statistical models to predict match outcomes and winning teams based on historical trends.

### Diabetes Prediction Using ML

- Developed a machine learning model to predict diabetes risk from user inputs, integrated into a web app for real-time, proactive health assessment.

## EXPERIENCE

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### Satvat Infosol Pvt. Ltd.

Intern

- Developed a real-time AI-based attendance system using Python (OpenCV, NumPy) and Py- Charm, integrating facial recognition with a live camera feed.
- Built the front-end using HTML, CSS, and javascript; managed data storage and attendance logging with SQL.
- Gained practical experience in aligning work with industry expectations and understanding senior recruiter requirements.

### National Small Industries Corporation (NSIC)

- INTERN

Gained valuable insights into Artificial Intelligence by exploring new concepts and automation in the field

## CERTIFICATIONS

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Infosys Springboard: Cloud Computing, AWS, IoT, Javascript

NPTEL: Introduction to Machine Learning

L&T EDU TECH: Cloud and DevOps

## EDUCATION

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Jepiaar University,Chennai

2022–2026

Bachelor of Technology (B.Tech) — Computer science Engineering

CGPA: 9.2

Guru Nanak Matric Hr. Sec. School, Chennai

2021–2022

Higher Secondary Education (HSC)

PERCENTAGE: 80.1%