

# SREEKANTH MJ

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## CAREER OBJECTIVE

Detail-oriented and results-driven Python Developer with hands-on experience in backend development, database management, and API integration. Currently contributing to innovative projects at Distinct Infotech Solution, Kochi. Passionate about building efficient, scalable software solutions and continuously enhancing technical expertise to deliver high-quality applications that solve real-world problems.

## SKILLS

- Languages: Python, Java, C, C++, PHP
- Web Technologies: HTML, CSS, JavaScript, Bootstrap
- Frameworks & Libraries: Django, NumPy, pandas, matplotlib
- Databases: MySQL, PostgreSQL, MongoDB, SQL
- Operating Systems: Windows, Linux
- Tools: Jupyter Notebook, Visual Studio Code
- Concepts: Data Structures, OOP, Machine Learning
- Soft Skills: Problem Solving, Team Collaboration, Adaptability, Self-Motivation, Critical Thinking

## EDUCATION

- Master of Computer Applications (MCA) 2023-2025  
Union Christian College, Aluva — Mahatma Gandhi University
- Bachelor of Computer Applications (BCA) 2020-2023  
NSS College, Rajakumari — Mahatma Gandhi University

## EXPERIENCES

### Python Developer

#### Distinct Infotech Solution,Kochi

Jun 2025 - Present

- Develop and maintain backend systems and RESTful APIs using Python and Django/Flask.
- Optimize database queries and manage MySQL/PostgreSQL for high performance.
- Integrate third-party APIs and services into client applications.
- Collaborate with front-end developers to ensure seamless data flow and responsive user interfaces.
- Implement unit testing and debugging to ensure application stability and security.

### Machine Learning Intern

#### Wahy Lab Solutions

Jan 2025 – Apr 2025

- Designed and implemented a weather forecasting system using Python and Django.
- Developed and trained an LSTM-based model on 10 years of climate data.
- Deployed prediction results via a responsive web interface.
- Recognized for clean system architecture and accuracy.

## PROJECTS

### Weather Forecasting System

Technologies: Python, Django, HTML, CSS, NumPy, pandas, matplotlib, LSTM, Jupyter Notebook

- Developed a machine learning-based weather prediction system using LSTM for time series forecasting.
- Trained on 10 years of historical data to support sectors like agriculture and disaster preparedness.
- Built a Django-based web interface to display real-time and forecasted weather insights.

### **Road Safety Management System**

Technologies: Python, Django, MySQL, HTML, CSS, Bootstrap

- Created a web platform for users to report road issues, traffic violations, and accidents with image uploads.
  - Implemented role-based access for admins and contractors to manage reports and update resolution status.
  - Enabled real-time tracking of complaints and streamlined communication with authorities.
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### **CERTIFICATIONS**

- NPTEL: Database Management Systems
- Internshala: Data Science Training – Certificate of Completion (Jun 2025)
- HackerRank Certification – SQL (Intermediate)
- IBM SkillsBuild: Artificial Intelligence Fundamentals And Generative AI in Action
- TCS: Innovate & Automate – Exploring Robotics
- Ethical Hacking (Online Course)