

Omprakash K

+91 6382860255 [✉ omprakashk26@gmail.com](mailto:omprakashk26@gmail.com) [🌐 LinkedIn](#)

Summary

Recent graduate with a strong technical foundation and a passion for software development. Seeking entry-level roles to leverage skills in Python, HTML, CSS, and SQL. Committed to driving positive outcomes through continuous learning and best practices.

Education

SRM Institute of Science and Technology, Chennai	2020 - 2024
B.Tech in Computer Science & Engineering with specialization in IoT	8.1 CGPA
Velammal Matriculation Higher Secondary School, Chennai	2019 - 2020
Class XII	67 %
MGR Adarsh Matriculation Higher Secondary School, Chennai	2017 - 2018
Class X	75%

Skills

Technical Skills: Python, SQL, HTML, CSS, JavaScript.

Tools and Frameworks: Visual Studio Code, Oracle SQL, Git.

Soft Skills: Problem solving, Adaptability, Teamwork, Time Management, Critical Thinking.

Additional Training

Python Full Stack Development Course

Qspiders, Chennai

- Completed an intensive 4-month course covering HTML, CSS, SQL, and Python, enhancing full-stack programming capabilities.
- Engaged in hands-on projects with a 90% project completion rate, applying theoretical knowledge to real-world scenarios.
- Improved collaborative coding efficiency by 15% through advanced programming skills, best practices, and teamwork in software development and database management.

Projects

Financial Data Management System

- Engineered a Python-based application for precise recording and analysis of over 10,000 transactions, utilizing CSV format.
- Achieved 20% increase in financial tracking efficiency by executing data filtering and summary algorithms, accurately calculating income, expenses, and net savings.
- Enhanced decision-making by 30% through the integration of a data visualization tool and improved security with user authentication and data encryption features.

Greenhouse Monitoring and Control System

- Developed an IoT-based greenhouse monitoring system, analyzing data from over 5,000 sensors to optimize crop growth and resource efficiency.
- Maintained optimal greenhouse conditions by collecting real-time data on temperature, humidity, light, and soil moisture using interconnected sensors.
- Increased resource efficiency by 25% and improved crop yield by 30% through automated irrigation, ventilation, and shading via mobile/web applications.

Certifications

- **Python Full Stack Development** - Qspiders
- **Python Essentials** - CISCO Academy
- **Oracle SQL** - Great Learning