

Sarath K J

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Profile

Highly Motivated Computer Science Graduate passionate about crafting efficient and innovative software solutions. Proficient in Python, with strong fundamentals in data structures, algorithms, and software development methodologies. Eager to leverage my technical skills and problem-solving abilities to contribute to a fast-paced tech environment.

Education

B.Tech Computer Science and Engineering (*College of Engineering Karunagappally*) **Kerala, India** 2020-2024
CGPA: 6.83

Experience

Python Full-Stack Developer Intern, (*PySpiders*) **Kochi, Kerala** 07/2024–Present

- Gained expertise in Python and Django web frameworks, contributing to robust web application development.
- Acquired a solid understanding of HTML, CSS, and JavaScript, implementing dynamic, responsive user interfaces.
- Developed proficiency in Oracle-SQL for database management and query optimization.

Projects

Workshop Management System, (*AUTO AID*) 06/2023- 12/2023

- Built a secure, responsive system using Node.js, Express, MongoDB, HTML, and CSS.
- Features: booking, inventory, and employee management.

Smart Agriculture Farming using IoT and LoRa, 01/2024- 04/2024

- Designed an IoT-based agriculture monitoring system using LoRa technology.
- Optimized water usage and crop health monitoring with real-time insights.

Online Courses & Certifications

- Programming Foundations with JavaScript, HTML, and CSS (Sep. 2021) - [Coursera](#)
- Certified Python Full Stack Developer - Pyspiders Kochi

Technical Skills

- **Languages:** Python
- **Framework:** Django, React
- **Tools:** GitHub, MS Office, Canva
- **Development:** HTML, CSS, JavaScript, Bootstrap
- **Database Management:** Oracle-SQL

Extracurricular

- **IEEE** [Core Committee Member]
- **Track Chair-** IEEE SB CEK IPRECON'23
- **Captain** - College Football Team
- **Track Anchor-** IEEE SB CEK IPRECON'22

Declaration

The information presented in this resume accurately reflects my qualifications and experience - Sarath K J