

SYRIL SIBI

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SUMMARY

Aspiring Junior Software Developer skilled in Python, Django, and MySQL with hands-on experience in full-stack development and machine learning applications. Passionate about building scalable web apps and contributing to real-world software solutions.

EDUCATION

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

INTERNSHIP/EXPERIENCE

Machine Learning Intern

Wahy Lab Solutions, Padamugal

Jan 2025 – Apr 2025

- Developed a Fire Detection System using Django and YOLO v8 model
- Trained an pretrained deep learning model using labelled datasets on Google Collab
- Deployed results via a responsive web interface with alarm triggers and email notifications

SKILLS

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|-------------------------------------|---|--|
| ● Programming Languages | - | Python, Java, C, C++, PHP |
| ● Frontend | - | HTML, CSS, JS, Bootstrap |
| ● Backend Frameworks | - | Django, REST API |
| ● Frameworks & Libraries | - | Django, NumPy, Pandas, Matplotlib, Scikit-learn, PyTorch, YOLOv8 |
| ● Databases | - | MySQL, MongoDB |
| ● IDEs and Tools | - | PyCharm, VSCode, Google Colab, Jupyter Notebook, git |
| ● Operating System | - | Windows, Linux |

PROJECTS

- **Guruji Grocery Shop -:** Website for grocery management website developed by using HTML, CSS, PHP
- **Food card -:** A NGO website that aimed to connect poor and the community willing to help developed by using Django
- **Workshop Management System -:** A automobile workshop management system with an ecommerce platform to sell the automobile parts that developed by using HTML, CSS, PHP
- **Fire Detection System -:** A real-time fire detection system using YOLOv8 with live video analysis, dataset preprocessing, model training, and alert generation using Python and OpenCV.

CERTIFICATIONS

- Internship Certificate – Wahy Lab Solutions
- Foodcard” Project Certificate – Cyber Prism Software Solutions
- TCS Add-on Course : Innovate & Automate – Exploring Robotics
- NPTEL Certificate : "Software Testing"
- IBM SkillsBuild: Artificial Intelligence Fundamentals
- IBM SkillsBuild: Cybersecurity Fundamentals
- Internship Certificate – Data Science, Woggle Tech