

SANDHYA S

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SUMMARY

Detail-oriented IT professional with experience in software development, system support, and web technologies. Skilled in programming languages, databases, and modern frameworks. Adept at troubleshooting technical issues and delivering reliable solutions to meet business needs.

SKILLS

- **Programming Languages:** C, C++, Java, Python, PHP, SQL
 - **Web Technologies:** HTML, CSS, JavaScript
 - **Frameworks & Libraries:** Bootstrap, React, Django
 - **AI/ML & Data Science:** Machine Learning, Deep Learning, CNN,Numpy ,pandas
 - **Databases & Tools:** MySQL, WordPress, XAMPP, MySQL Workbench, GitHub, Google Colab, Jupyter Notebook, VS Code, Excel, PowerPoint, Decktopus
 - **Soft Skills:** Problem Solving, Full-Stack Development, Technical Documentation, Communication, Teamwork, Time Management, Attention to Detail
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EDUCATIONAL QUALIFICATION

Msc.Computer Science | 2018-2020

Calicut University Campus

Bsc.Computer Science | 2015-2018

College of Applied Science

Higher Secondary in Computer Science | 2013-2015

GGVHSS Nemmara

WORK EXPERIENCE

NAUTICZ SOFTWARE SOLUTIONS | 2020 - 2021

Junior PHP Developer

- Developed custom WordPress themes and plugins.
- Implemented responsive design and optimized website performance.
- Collaborated with clients to gather requirements and provide technical solutions.
- Performed website maintenance and troubleshooting.

BLUEMAGIKA EDUCATIONAL TECHNOLOGIES | 2022 - 2023

Data Entry Operator

- Prepared and formatted documents and reports using Microsoft Word and Excel.
 - Entered and maintained data accurately in spreadsheets.
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PROJECTS

Portfolio Website - Django,HTML,CSS,Bootstrap,JavaScript | 2024

- Developed a responsive personal portfolio website to showcase projects, skills, and resume.
- Implemented a dynamic project management system using Django framework

To-Do List Web Application - Django ,HTML,CSS,Bootstrap,JavaScript | 2025

- Developed a CRUD-based To-Do List application using Django.
- Implemented task creation, update, completion toggle, and deletion for efficient task management.
- Designed user-friendly Bootstrap templates to enhance usability and responsiveness.

Employee Record Management System - Django ,HTML,CSS,Bootstrap,JavaScript | 2025

- Built a web-based application to manage employee data with CRUD operations (Add, View, Update, Delete).
- Designed user-friendly templates with Bootstrap and created secure access via Django admin.

Mushrooms Image Classification using Deep learning - Python,Machine learning,deep learning, CNN,image classification | 2019 -2020

- Developed a CNN-based model to classify mushroom images into edible ,non edible and poisonous categories.
- Applied image preprocessing (resizing, normalization, augmentation) to improve dataset quality.
- Trained model with 90% accuracy on test data.
- Visualized training performance with accuracy/loss graphs

Tidyzone - PHP, MySQL, HTML, CSS, Bootstrap | 2017-2018

- Developed a web-based platform to facilitate communication between residents and ward members for submitting and resolving complaints.
- Implemented user authentication with role-based access (Resident vs Ward Member).

CERTIFICATES

PHP Programming | 2017 - 2018

- Learned core PHP syntax, functions, and object-oriented programming concepts.
- Developed dynamic web applications interacting with MySQL databases.
- Implemented user authentication, form handling, and file uploads.

Python Full Stack Development | 2024 - 2025

- Developed skills in frontend (HTML, CSS, JavaScript, Bootstrap)and backend (Python, Django).
- Built REST APIs, user authentication modules, and deployed applications to Github
- Gained experience with MYSQL databases and Git version control.

ADDITIONAL INFORMATION

Language Known : English,Malayalam,Tamil and Hindi
