

DURGALAKSHMI A

Python Developer

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Summary

M.Sc Computer Science graduate with practical knowledge of Python-based application development using Django and web technologies such as HTML and CSS. Possesses analytical skills, database knowledge, and a passion for continuous learning and software development. Seeking an opportunity in the IT industry to apply my skills and contribute to organizational growth.

Education

B.Sc. Computer Science

Government arts and science college, Mettupalayam

Graduated: 2023

CGPA: 7.4 / 10

M.Sc. Computer Science

Government arts college, Coimbatore

Graduated: 2025

CGPA: 6.8 / 10

Skills

Programming & Querying: Python, MySQL, HTML, CSS

Data Visualization Tools: MS Excel

Version Control: Git, GitHub

Projects

Brain tumor detection in machine learning | Python

November 2024 – April 2025

- Developed a machine learning model to detect brain tumors from MRI images as part of M.Sc. final year project.
- Preprocessed MRI image data and prepared it for model training.
- Used a dataset containing four different types of brain tumors.
- Tested the model and observed prediction accuracy.
- Technologies: Python, Machine Learning, Image Processing.

DevSearch | Python, MySQL

December 2025 – January 2025

- Developed a full-stack web application to connect developers and showcase their projects and skills using Django.
- Implemented backend logic using Python and Django framework with SQLite as the database.
- Built user authentication features including user registration, login, and profile management.
- Implemented search and filtering functionality to find developers and projects efficiently.

Certifications

- **Employability skills for year 2 – Skill India digital hub (2025):** Acquired essential workplace skills including effective communication, teamwork, and professional etiquette.
- **Python training certificate – 2023:** Completed Python training covering core Python concepts, basic programming, and practical hands-on exercises.