

ABINAYA M

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SUMMARY

Python Full Stack Developer (Fresher) with hands-on experience in building web applications using Django, HTML, CSS, JavaScript, and MySQL. Skilled in Django ORM, REST API integration, authentication, and database management. Passionate about writing clean, maintainable code and building scalable, user-focused applications

SKILLS

Programming Languages: C, C++, Python, JavaScript

Frontend: HTML5, CSS3, Bootstrap, JavaScript, React.js (Basic)

Backend: Django, Django ORM, REST APIs, Authentication & Authorization

Databases: MySQL, SQLite

Tools: Git, GitHub, VS Code, Jupyter Notebook

Data Handling: Pandas, NumPy, Matplotlib

Deployment: Basic Deployment (PythonAnywhere / Heroku)

TECHNICAL PROJECTS

1. Weather Prediction Using AI

- Built a machine learning-based weather prediction system using Python
- Performed data preprocessing, feature engineering, and data visualization
- Evaluated multiple ML models to improve prediction accuracy

2. Hospital Management System

- Developed a Django-based web application to manage patients, doctors, and appointments
- Implemented secure authentication and role-based access for admin and staff
- Integrated MySQL database for patient records, billing, and reports

INTERNSHIP EXPERIENCE

Python Full-Stack Developer Intern

AgileInfo Techytern Solutions LLP, Thycad, Trivandrum. (Jan 2025 – Nov 2025)

- Developed Django-based web modules implementing CRUD operations using Django ORM
- Designed and integrated MySQL database schemas and optimized SQL queries
- Built responsive UI using HTML, CSS, Bootstrap
- Implemented authentication and role-based access control
- Used Git and GitHub for version control

EDUCATION

Bachelor of Engineering (B.E) - Electronics and Communication Engineering

Arunachala College of Engineering for Women (2021 – 2025)

CGPA: 8.3

LANGUAGES

English – Professional | Tamil – Native | Malayalam – Conversational