

PRIYANKA T

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SKILLS

PYTHON :

- * Core Python Programming – Proficient in data types, control structures, functions, iterators, generators, decorators, and functional programming concepts (map, filter, lambda).
- * Error Handling & File Handling – Skilled in exception handling for robust execution and adept with regular expressions (Regex) for pattern matching and validation.
- * Data Structures – Knowledge of arrays, linked lists, stacks, queues, trees, binary trees, and graphs with practical implementation in Python.
- * Algorithms & Problem Solving – Implemented sorting algorithms, linear and binary search, and applied algorithmic techniques for efficient problem-solving.

SQL: RDBMS, primary key, foreign key, constraints, normalization, views, SQL commands (DQL, DDL, DML, TCL, DCL), joins, subqueries & correlated subqueries, query writing.

Web Technologies: HTML, CSS, Javascript.

Framework: Django, Bootstrap.

Tools: Power BI, GitHub, VS Code, Excel ,PowerPoint.

PROJECTS

Movie Ticket Booking Application | Python

Developed a Python-based movie ticket booking system with OOPs, enabling secure seat reservations, OTP-based payment verification, and improved usability for 50+ simulated transactions.

Weather App | HTML, CSS, JavaScript, API

Developed a weather app with live API integration that reduced response errors by 25% and improved page load efficiency, providing real-time updates to 100+ users seamlessly.

Currency Converter Website | HTML, CSS, JS, API

Designed a responsive currency converter with API integration to deliver accurate, real-time conversions in under 0.5 seconds, ensuring speed and reliability.

Portfolio Website | Django, Bootstrap, HTML, CSS

Created a professional portfolio website to showcase projects and skills, featuring responsive design, clean UI, and seamless navigation across devices.

EDUCATION

Sir M. Visvesvaraya Institute of Technology, Bangalore

2021-2025

B.E. in Electrical and Electronics Engineering |CGPA-8.56

St Theresa PU College, Bangalore

2021

Percentage-80%

Govt High School Bagalagunte, Bangalore

2019

Percentage-83%

INTERNSHIP

Data Analytics Internship at Capgemini | POWERBI

Completed an internship on Exploratory Data Analysis of airline flight delays using Power BI, identifying ketrends and creating dynamic visualizations for data-driven insights.

Enhancing Data Analysis and Presentation Skills at EY | PowerPoint, Excel

Successfully completed Advanced Microsoft Excel and PowerPoint training from EY, enhancing skills in dataanalysis, reporting, and professional presentation design.

CERTIFICATION

- * Presented research paper “A Simulation Study and Enhancing Power Quality in Transmission Lines Using VSC-Based DSTATCOM” at the Second International Conference on Advances in Modern Age Technologies for Health and Engineering Science (AMATHE 2025), co-sponsored by IEEE Bangalore Section.
- * Volunteered for a National level Technical fest, ELECTROGREEN.