DARSHAN R

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https://github.com/Dacchudelight

Professional Summary

Computer Science postgraduate with hands-on experience in Java, Python, SQL, Flask, and Machine Learning through academic and personal projects. Strong foundation in object-oriented programming, data structures, database management, REST API development, and software engineering principles. Passionate about developing scalable software applications and contributing to innovative software development teams.

Education

Master of Computer Applications 2024 – 2026 - Bangalore University, Bengaluru, Karnataka, India CGPA : 7.2/10

Bachelor of Computer Applications 2021 – 2024 - Nrupathunga University, Bengaluru, Karnataka, India CGPA: 8.2/10

Relevant Coursework: Object-Oriented Programming, Data Structures and Algorithms, Database Management Systems, Operating Systems

Skills

Programming Languages: Java,Python, SQL, JavaScript

Web Technologies: HTML5, CSS3, Flask, REST APIs, JSON

Core Concepts: Object-Oriented Programming (OOP), Data Structures & Algorithms (DSA), Database Management Systems (DBMS), Exception Handling, File Handling, Multithreading, Problem Solving

Databases: MySQL ,SQLite

Tools & Technologies: Git, GitHub, VS Code

Development Practices: Debugging, Version Control, Software Development Life Cycle (SDLC), API Integration

Soft Skills: Analytical Thinking, Problem Solving, Communication, Teamwork, Adaptability

Languages: Kannada (Native), English (Professional Working Proficiency), Hindi, German (A1 – Beginner)

Projects

Personal Portfolio Website | *Feb 2026 – Mar 2026* Portfolio Website with Admin Dashboard
Technologies: Flask, SQLite, Python, HTML, CSS, JavaScript

- Developed a responsive portfolio website using Flask, SQLite, and secure admin authentication.
- Implemented secure authentication, CRUD operations, and database integration for efficient portfolio management.
- Integrated REST APIs and dynamic content rendering to enhance application functionality and scalability.

PGCET College Predictor using Machine Learning |*Jun 2026* Machine Learning-Based College Predictor
Technologies: Python, Flask, Machine Learning, Random Forest, SQLite, HTML, CSS, JavaScript

- Developed a Flask-based machine learning web application using Random Forest to predict Karnataka PGCET colleges based on rank, category, and course.
- Implemented data preprocessing, model integration, and an interactive user interface for accurate college predictions.
- Built a responsive web interface with Flask, HTML, CSS, and JavaScript for real-time prediction and improved user experience.

Certifications

Python (HackerRank Skill Certification) | 2026
Validated Python programming, problem-solving, and algorithmic thinking.
Agentic AI – Government of India | 2026
Learned AI agents, workflow automation, and autonomous decision-making.