

UDAY T S

Bangalore, India

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Summary

Aspiring Computer Application graduate skilled in Python, SQL, Java, full-stack development. Seeking a dynamic role as a software engineer or Full stack developer, specializing in designing and implementing scalable, efficient, and secure applications. Passionate about software architecture, system optimization, extracting insights from complex datasets and delivering innovative, user-centric solutions.

EDUCATION

Sir M Visvesvaraya Institute of Technology
Masters of computer applications - CGPA - 8.1

2025-present
Bangalore, India

Channabasaveshwara Institute of Technology
Bachelors of Engineering - CGPA - 7.6

2021 - 2023
Tumakuru, India

SKILLS

Languages: Java, C, Python(Basics)

Web Development: HTML, CSS, JavaScript, Bootstrap, React JS

Database: MySQL, SQL

Developer Tools: VS Code, Git, GitHub, UI/UX

Soft Skills: Quick Learner, Teamwork, Workaholic

PROJECTS

Pawfect – HTML, CSS, JavaScript

- Developed a responsive pet adoption website to connect users with nearby shelters.
- Designed clean UI showcasing pet profiles with images, breed, and status (Available/Adopted).
- Implemented adoption form for user inquiries, enhancing shelter communication.

RetinaAI - Python, Flask, TensorFlow, SQL

- Built a deep learning web app for automated retinal disease detection and classification.
- Integrated patient management, explainable AI visualizations, and clinical reporting features.
- Developed secure role-based dashboards and analytics for clinicians and administrators.

Smart Urban Growth and Environmental Impact Prediction System – Python, Flask, SQLite

- Developed a web application to forecast population and environmental metrics using machine learning.
- Implemented an Urban Suitability Index to evaluate zones for smart city and industrial planning.
- Built interactive dashboards and maps for visualizing predictions and supporting data-driven decisions.

CERTIFICATION

- Java Full Stack Development (KODNEST BANGLORE Ongoing since 2024)
- GIT & GITHUB, MYSQL – (Great Learning)