

DAKSH THAWANI

Hyderabad, Telangana | P: +91 8005728833
[linkedin.com/in/daksh-thawani](https://www.linkedin.com/in/daksh-thawani) | github.com/dakshthawani | dakshthawani70@gmail.com

EDUCATION

Mahindra University

Btech, Computation and Mathematics.

Hyderabad, Telangana

August 2021: Present

Relevant Coursework: Optimization techniques, Calculus, Linear Algebra, Probability, Statistics, Data Structures, Financial Mathematics, Economics and Management, Software Engineering, Operating Systems, Database Management, Entrepreneurship, Analysis Algorithms

SKILLS

Technical: Full Stack(HTML, CSS, JavaScript, jQuery, React, Node.js, Express.js, EJS), Python, C, Matlab, LaTeX, R

Mathematics: Optimization techniques, Calculus, Linear Algebra, Probability, Statistics

Algorithms: Solving optimization problems including Forecasting, Vehicle Routing, Assignment, Scheduling, and Packing

Databases: MySQL, MongoDB, SQLite

Version Control: Git, GitHub

Tools: Pycharm, VS Code, Postman, AutoCAD, MS Office

OS: Linux, Windows, Mac

EXPERIENCE

RAT(Road Ahead Technologies)

Python Software Developer

Jaipur, Rajasthan

June 2024 – August 2024

- Data structures (lists, dictionaries, sets) and control flow statements (if/else, loops). Functions and object-oriented programming (OOP) principles. Exception handling and debugging. Libraries - NumPy, Pandas, Flask, streamlit, fpdf, freesimplegui, tkinter.
- Projects - [Web-Scraping](#), [Web-scraping-2](#), [ANN](#), [Flight-ticket](#), [Weather-Data-API](#), [twoColumns](#), [News-API-Emailer](#) [Todo-App](#)

Full-Stack Developer

June 2024 – August 2024

- Proficient in building responsive user interfaces(UIs) using HTML5, CSS3, and modern JavaScript practices (e.g., ES6+ syntax). Implemented interactive elements and user experiences with a focus on accessibility and best practices.
- Developed RESTful APIs using a popular framework (e.g., Express.js) to connect the front-end application to the back-end. I gained a strong understanding of NoSQL database concepts and data modeling with MongoDB. Proficient in CRUD operations (create, read, update, delete) using the MongoDB query language (MQL).
- Frontends - [Shopping-App](#) [TransitTribe](#), [Omni Food](#), [Tour](#).
- Backends - [Trading-bot](#), [Joke-API](#), [Weather-API](#)

Integrated institute of hardware technology (IIHT)

Linux Administrator Program

Jaipur, Rajasthan

July 2023 – August 2023

- Installation and configuration of Linux systems, User and group management, Package management using tools like yum or apt, File system management and permissions, Network configuration and troubleshooting, Shell scripting for automation, Security principles and best practices for Linux systems.
 - Used systemd, firewallD, SELinux, etc.
-

LEADERSHIP & ACTIVITIES

Celeste(University's Astronomy Club)

Head Coordinator

Hyderabad, Telangana

August 2023 – June 2024

- Demonstrated exceptional leadership and organizational skills by successfully planning and executing numerous events, fostering a community of enthusiastic learners and stargazers.
- Promoted astronomical knowledge and inspired peers, contributing significantly to the club's growth and success.

Pro-Shows

Hyderabad, Telangana

Volunteer

February, 2023

- At college fests, I extended my involvement in pro-shows by ensuring guest satisfaction and well-being throughout. These experiences helped develop my inter-personal skills and ignited my passion for participating and being a part of these big events.