

Dheeraj Singh

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LinkedIn | Github | LeetCode | GeeksforGeeks

EDUCATION

IIITDM Kancheepuram

Bachelor of Technology in electronics and communication engineering

Chennai, TamilNadu

July 2021–July 2025

EXPERIENCE

Software Development Intern

4Climate

May 2023 – July 2023

iCreate, Ahmedabad

- Backend Development on server-side components of software applications that handle data processing and logic.
- Software development methodologies, encompassing the entire lifecycle from conceptualization to deployment.
- Utilization of AWS IoT services to design and implement efficient and secure Internet of Things solutions.

Core

CS CLUB IIITDM Kancheepuram

July 2023 – present

Chennai, TamilNadu

- I served as the Core member of the Competitive Programming Division within the CS Club at IIITDM Kancheepuram. During my tenure, I orchestrated multiple Competitive Programming events and actively engaged in a substantial number of them.
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PROJECTS

MedicineForYou | *ReactJS, MongoDB, ExpressJS, NodeJS*

- A platform allows users to conveniently order medicines online. Additionally, it provides features for the admin to manage the inventory of medicines.
- [Github Link to the Project](#)
- [Link to the Website](#)

DM Gallery | *ReactJS, MongoDB, ExpressJS, NodeJS*

- a platform designed to provide you with a personal space to store and cherish your memories.
- [Github Link to the Project](#)
- [Link to the Website](#)

AgriHub | *Python, Flask, Machine Learning*

HackFrenzy Hackathon Finalist

- A platform for farmers and buyers to connect with each other with a crop recommendation system for farmers
- [Github Link to the Project](#)
- [Link to the Website](#)

Proxy Shield | *Python, Flask, Machine Learning*

Vashist Hackathon Winner

- this website provides an online platform for recording and tracking attendance in real-time which will be used in reducing the number of proxy attendance .
- [Github Link to the Project](#)
- [Live Presentation of Platform](#)

TECHNICAL SKILLS

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

Frameworks and Libraries: React, Node.js, Express.js, Flask ,FastAPI

Developer Tools: Git,VS Code, PyCharm

ML libraries:Sklearn, OpenCV, pandas, NumPy, Matplotlib, Seaborn

Database: MongoDB, MySQL

Other skills: Operating Systems , Computer architecture ,DBMS, OOPS, Data Structures and Algorithm , Assembly language Programming(8086)

OPEN SOURCE CONTRIBUTIONS

Contributed to various open-source projects by submitting pull requests and addressing issues. Successfully merged pull requests into the respective codebases, with changes now live on their official websites.

OWASP Threat Dragon

Contributor and Collaborator

- Recognized as a collaborator in the Threat Dragon repository by the project mentor.
- Successfully merged pull requests into the Threat Dragon Website codebase, with changes now live on the official Threat Dragon Website.

Apache Infrastructure Website

Contributor

- Successfully merged pull requests into the Apache Infrastructure Website codebase, with changes now live on the official Apache Infrastructure Website.

Apache DolphinScheduler Website

Contributor

- Successfully merged pull requests into the DolphinScheduler Website codebase, with changes now live on the official Apache DolphinScheduler Website.

Apache DevLake Website (Incubator)

Contributor

- Successfully merged pull requests into the DevLake codebase, with changes now live on the official Apache DevLake (Incubator) Website.

CERTIFICATIONS

Machine Learning A-Z | Udemy

Design and Analysis of Algorithms | NPTEL - Elite

HONORS AND AWARDS

- *Won Vashisht Hackathon 2023 conducted by IIITDM Kancheepuram*
- *finalist of HackFrenzy Hackathon 2023 conducted by IIIT Sricity*
- *2nd rank in college-wide GeeksforGeeks (GfG) Platform*