Dheeraj Singh

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LinkedIn | Github | LeetCode | GeeksforGeeks

EDUCATION

IIITDM Kancheepuram   Chennai, TamilNadu
Bachelor of Technology in electronics and communication engineering   *July 2021–July 2025*

EXPERIENCE

Software Development Intern   May 2024 – August 2024
Congruent Solutions   *Chennai, Tamil Nadu*
- Led the architecture and implementation of an innovative Server Driven UI concept.
- Created a robust client SDK with a renderer, component library and services library.
- Utilized technologies including React, JavaScript and XState to deliver high-quality, scalable solutions.

Software Development Intern   May 2023 – July 2023
4Climate   *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.

CLUB ACTIVITIES AND LEADERSHIP

Head Core   June 2024 – present
CS Club IIITDM   *Chennai, Tamil Nadu*
- Lead and organize club activities, including coding contests, technical sessions, and workshops for students.
- Collaborate with members to plan and execute events that enhance technical skills and community engagement.

Core   July 2023 – June 2024
CS Club IIITDM   *Chennai, Tamil Nadu*
- Served as the Core member of the Competitive Programming Division within the CS Club at IIITDM Kancheepuram.

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

TECHNICAL SKILLS

Programming Languages: C/C++ , Python , JavaScript , Java
Frameworks and Libraries:ReactJs,Node.js,Express.js, Next.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

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.

- Contributor and Collaborator at Owasp Threat Dragon Website. See all the Contrubutions
- Contributor at Apache Projects. Infrastructure Website Contributions   DevLake (Incubator) Website Contributions

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*