

DILEEPAKUMAR ADARI

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Profile

A dedicated Full Stack Developer skilled in designing and implementing web solutions from front-end to back-end. Eager to leverage this expertise alongside a strong enthusiasm for data analytics and machine learning to craft innovative and data-driven applications that push the boundaries of technology.

Education

International Institute of Information Technology, Hyderabad **Gachibowli, Hyderabad**
B.Tech in Computer Science & Engineering *2022 - Present*

Courses: Data Structures and Algorithms, Operating Systems and Networks, Introduction to Software Systems, Design and Analysis of Software Systems, Algorithm Analysis and Design, Automata Theory, Embedded Systems Workshop, Computer Systems Organization, Introduction to IOT, Computer Graphics, Data and Applications, Intro to Information Security, Machine, Data and Learning

Rajiv Gandhi University of Knowledge Technology **Etcherla, Srikakulam**
Pre University Course - 9.35 CGPA *2020 - 2022*

Prasanthi Nikethan M.V.V.S Murthy ENG MED High School **Anakapalli, Visakhapatnam**
SSC - Andhra Pradesh - 10 CGPA *2008 - 2020*

Projects

Smart Crop/Plant Monitoring [Source Code](#) - [WebLink](#)
Created Greenplant, a user-friendly website offering real-time plant condition information via sensor data. Designed for plant enthusiasts, gardeners, and indoor growers, it provides an intuitive interface for easy access to plant data.

Smart PowerGrid [Source Code](#) - [WebLink](#)
Designed IoT project for secure, energy-saving grid management. Implemented sensor deployment, UI design for data visualization, Controlling Appliances through web and shortage alerts.

Network File System [Source Code](#)
Developed a fault-tolerant distributed file system with TCP sockets and POSIX C, ensuring redundancy and efficient search. Managed concurrent client access and implemented performance optimizations.

Other Projects
Some of the other projects include Blog website, A VsCode Web extension for Virtual labs, Enhanced Xv6 Shell, Music Mania, Facebook complete clone, Digital Library, Attendance Management System, Split bill, Stop Watch and Authentication (Login/ Signup) System etc. They can be found in my [Github](#) (Do check them).

Skills

Languages: Python, JavaScript, C, C++, PHP, TypeScript
Backend: Django, Flask, Next.js, Node.js, Express.js
Frontend: React, jQuery, TailwindCSS, HTML, CSS, Bootstrap
Clouds & Databases: MySQL, MongoDB, Firebase, SQLite
Web Technologies: Docker, Nginx, Apache, Wordpress
Developer Tools: Postman, VsCode, Git, GitHub, GitLab, Trello

Known Languages

English, Telugu, Hindi

Interests / Hobbies

Listening Music
Exploring Technology.

Work Experience / Positions

Web Admin **January 2024 – Present**
Working on University websites under supervision of IT Office *IIIT Hyderabad*

Tech Team - Club Council & Student Life Committee **October 2023 – Present**
Maintenance of Clubs Website & Server and adding new features *IIIT Hyderabad*

Volunteered as Apex Mentor, NSS logistics Team Member and worked as Tech Team Member in Several clubs in IIIT Hyderabad.