Neelakanteswar Bathula

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LINKEDIN | GITHUB | LEETCODE | PORTFOLIO

EDUCATION

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, DHARWAD   August 2019 - July 2023
COMPUTER SCIENCE AND ENGINEERING BACHELOR'S OF TECHNOLOGY   Dharwad, Karnataka
CGPA: 6.8

EXPERIENCE

IIIT DHARWAD | INTERN   Dharwad, Karnataka | january 2023 – july 2023

- Built a **Python & Django-based room booking system** for conflict-free reservations.
- Added role-based access control for secure and efficient management.

SKILLS

PROGRAMMING LANGUAGES	Python
LIBRARIES/FRAMEWORKS	Django, HTML, CSS, JavaScript, node.js
TOOLS / PLATFORMS	AWS, Git, GitHub
DATABASES	SQL

PROJECTS / OPEN-SOURCE

HAND WRITTEN EQUATION SOLVER | LINK   Web Development,Python,React,node.js,AWS

- Built a web-based equation solver to capable of solving all types of equations
- Implemented error handling for invalid inputs and floating-point inaccuracies, ensuring precise calculations.
- Designed an intuitive UI for user-friendly equation input and real-time solutions.

SCHEDULING RESOURCES ON IIIT DHARWAD CAMPUS | LINK   Web Development,Python,Django

- Created a web application for booking campus rooms for faculty meetings, workshops, and student events.
- Designed a real-time conflict detection system, preventing overlapping reservations.
- Enabled seamless user authentication, ensuring secure access for students and faculty.

DISEASE DETECTION BASED ON SYMPTOMS | LINK   Machine Learning,Web Scraping

- Developed a machine learning–based prediction model to analyze symptoms and suggest possible diseases.
- Integrated web scraping to gather medical data and improve prediction accuracy.
- Provided a user-friendly web interface for patients and doctors to check symptoms before clinical diagnosis.

CERTIFICATIONS

- Introduction to Python Certificate - KAGGLE
- Python Certificate - KAGGLE