

BOBBITI SAI ROHAN REDDY

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🌐 [Linkedin](#)

🐙 [Github](#)

🔗 [LeetCode](#)

[Portfolio](#)

EDUCATION

International Institute of Information Technology, bhubaneswar

2021 - 2025

B.Tech - Computer Science and Engineering - CGPA - 7.45

Bhubaneswar, Odisha

Sri Chaitanya Junior College, Vijayawada

2019 - 2021

Intermediate - Maths, Physics, Chemistry - Percentage - 97.1%

Vijayawada, Andhra Pradesh

PROJECTS

MediGuide 🔗 | [Django](#), [Django Rest Framework](#), [React](#), [Machine Learning](#)

- Engineered a sophisticated disease prediction model utilizing machine learning and natural language processing, achieving an impressive accuracy rate of 81.23% through logistic regression.
- Architected a comprehensive user profile management system with full CRUD functionalities, leveraging robust APIs for seamless updates based on user preferences, and implementing JWT authentication to ensure secure registration and login processes.
- Integrated advanced EasyOCR technology to accurately scan and interpret medication labels, providing users with detailed information on medicinal uses.

Books Recommender 🔗 | [HTML](#), [CSS](#), [Django](#), [Natural Language Processing](#)

- Created an intelligent machine learning recommendation system designed for avid readers, analyzing book content to deliver a curated list of the top 10 personalized suggestions.
- Leveraged the Django framework to provide a solid, intuitive interface, enabling smooth navigation and effective book recommendations.
- Utilized a suite of libraries, including NumPy and pandas for data extraction, NLTK for text processing, and scikit-learn for model assessment.

ConnectDev 🔗 | [HTML](#), [CSS](#), [JavaScript](#), [Django](#), [Django Rest Framework](#)

- Conceived and constructed "ConnectDev," a web platform utilizing Django, HTML, CSS, and JavaScript to deliver a fluid user experience.
- Implemented intricate search capabilities, detailed user profiles, and JWT authentication for secure registration and access.
- Achieved a visually appealing and responsive design, optimizing the platform for diverse devices and screen resolutions, with a user base exceeding 25.

TECHNICAL SKILLS

Languages: C++, SQL, Python.

Technologies/Frameworks: HTML, CSS, JavaScript, Django, Django Rest Framework, Machine Learning, NumPy, Pandas, NLP, Scikit-learn

Developer Tools: VS Code, Postman, Jupyter Notebook, GitHub.

Course Work: DSA, DBMS, Operating Systems, Computer Networks, Object Oriented Programming.

CERTIFICATIONS

- Python Django - Complete Course - Udemy
- Machine Learning A-Z : AI, Python - Udemy

ACHIEVEMENTS

- Solved 200+ problems in Leetcode, Codechef, Geeksforgeeks.
- Selected as a Contributor in GirlScript Summer of Code'24.
- Participated and completed assigned tasks in Hacktoberfest 2023.