Sugali Rahul Naik

Continuous Learner
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Linkedin | **GitHub** | **LeetCode**

Education

Ballari Institute of Technology and Management — Ballari, karnataka, India
Electrical and Electronic Engineering Bachelor of Engineering — Nov 2022 - June 2026
CGPA: 8.51

Sri Venkateswara junior College — Rayadurgam, Andhra Pradesh, India
MPC Intermediate — 2019 - 2022
Percentage: 65.8%

Sree Vinaya Sree Vidya Nikethan E/M High School — Rayadurgam, Andhra Pradesh, India
Degree in SSLC — 2019
Percentage: 93%

Experience

EZ Trainings & Technologies | Python Programming Intern — BITM | April 2024 - May 2024

Completed a 3-week intensive internship focused on Python programming, gaining hands-on experience in core concepts, problem-solving, and software development best practices. Engaged in structured training sessions led by industry professionals, deepening understanding of real-world applications of Python in backend development and system optimization.

Skills

Programming Languages:	Python Programming, HTML, CSS, Javascript
Libraries/Frameworks:	Bootstrap
Tools / Platforms:	VS Code, Git, Github

Projects / Open-Source

Movie Ticket Booking and User Authentication | Link — *Python and Oops concepts*

Developed a CLI-based system integrating user authentication and movie ticket booking functionalities. Leveraged OOP concepts to create a structured sign-up/sign-in process, enabling users to securely register and log in. Designed an interactive interface for movie selection (city, theater, screen type, timing) and dynamic seat allocation using real-time seat availability tracking. Highlights include modular code structure, data persistence for user credentials, and error handling for invalid inputs.

College Attendence Management System | Link — *Python and Oops concepts*

Developed a CLI-based system to automate attendance tracking for students, teaching, and non-teaching faculty. Implemented OOP concepts with inheritance (Student/Faculty classes) and encapsulation for attendance marking, percentage calculation, and automated condonation fees (students) or bonuses (faculty). Features include dynamic record management, attendance summaries, and data persistence. Streamlined accountability with a structured workflow, reducing manual effort by 40% in attendance monitoring.

Power Generation Using Speed Breaker — *Rack and Pinion Mechanism*

Power generation through a speed breaker refers to a concept where the kinetic energy of vehicles driving over a specially designed speed breaker is captured and converted into electricity, essentially using the force of the vehicle's movement to generate power through a mechanical mechanism like a rack and pinion system, which then turns a generator to produce electricity; this is considered a potential source of renewable energy, particularly in areas with high vehicle flow.

Certifications

- Basics of Python - **Hackerrank**
- Python Programming - **EZ Technologies**

- Intro to Git & GitHub - **Coursera**
- HTML CSS Crash Course - **Coursera**