Sugali Rahul Naik

Python Engineer
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LeetCode | **GitHub** | **HackerRank** | **Linkedin**

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 developmentbestpractices. Engaged in this structured training sessions led by industry professionals, deepening understanding of real-world applications of Python in backend development and systemoptimization.

Internship Studio | AWS Intern — Remote Work | March 2025 - Sept 2025
Secured a 6-month internship through competitive selection via the Common InternshipTest(CIT). Fascinate in this training modules focused on AWS services, cloud architecture, and industry best practices to build expertise in scalable and secure cloudsolutions.

Skills

Programming Languages:	Python Programming, HTML, CSS
Libraries/Frameworks:	Django
Tools / Platforms:	VS Code, Git, Github
Databases:	MongoDB

Projects / Open-Source

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 traffic density.

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.

Certifications

- Basics of Python - **Hackerrank**
- Python Programming - **EZ Technologies**
- HTML Tutorial - **Coursera**
- Intro to Git & GitHub - **Coursera**