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 Secondary School Certificate (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:	Java, Python, HTML, CSS, JavaScript
Libraries/Frameworks:	Bootstrap, Express.js, React.js, Node.js
Tools / Platforms:	VS Code, Git, Github, CURS0R
Databases:	MongoDB, SQL

PROJECTS / OPEN-SOURCE

Movie Ticket Booking and User Authentication | Link *Python and OOP 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.

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.

JobStack - AI-Powered Job Portal Platform | Link *MERN, Mongoose, Vite, Axios, NLP, Bcrypt*

JobStack is a comprehensive job portal platform connecting recruiters and applicants with integrated AI-powered security features. The system employs natural language processing for real-time fraud detection, analyzing communications using pattern recognition and keyword matching to identify payment scams, inappropriate content, and suspicious activities. AI algorithms calculate risk scores, perform sentiment analysis, and generate automated alerts, ensuring secure recruitment interactions while providing intelligent job matching and application management capabilities.

Personal Portfolio Website | Link *HTML & CSS*

Developed a personal portfolio website to showcase my skills, and achievements as a web developer. Designed a clean, responsive interface using HTML and CSS to ensure optimal viewing across devices. Features include dedicated sections for education, experience, and project highlights, as well as a contact section for networking opportunities. The project demonstrates proficiency in front-end development, user-centric design, and version control with GitHub.

CERTIFICATIONS

- Basics of Python - **Hackerrank**
- Python Programming - **EZ Technologies**
- Intro to Git & GitHub - **Coursera**
- Certificate of Training - **iStudio**
- Certificate of Intership - **iStudio**