GANGADHAR KATARU

Python Full Stack Developer

GitHub | LinkedIn | **Gmail:** katarugangadhar522@gmail.com | **Phone:** +91 9381253611

PROFESSIONAL SUMMARY

Dynamic Python Full-Stack Developer with expertise in Django, MySQL, and REST API development. Experienced in building scalable web applications, database optimization, and cloud deployment. Strong problem-solving abilities with a passion for innovation and continuous learning.

EDUCATION

2021 - Present	Btech (CSE) at **IIIT RGUKT RK Valley**	(CGPA: 8.05/10.0)
2019 - 2021	Pre-University Course at **IIIT RGUKT RK Valley**	(CGPA: 8.7/10.0)
2019	SSC State Board at **TSZPHS Vempalli**	(CGPA: 9.8/10.0)

WORK EXPERIENCE

Python Developer Intern May 2024 - June 2024

- Developed and Optimized Python applications, boosting speed by 30% and resolving 15+ issues.
- Designed REST APIs for data exchange, reducing server response time by 40%.
- Integrated authentication and authorization using JWT, enhancing security for user data protection.
- Contributed to backend development, ensuring scalability and adherence to best coding practices.

PROJECTS

Drowsiness Detection GitHub

- Built a real-time drowsiness detection system leveraging computer vision for **eye movement tracking**.
- Implemented a **sound alert system** to improve driver safety, reducing potential accident risk.

College Management System (CMS) GitHub

- Built a comprehensive CMS for 500+ students, significantly cutting attendance processing time by 50%.
- Developed a robust role-based authentication system for **students, faculty, and admins.**
- Improved system efficiency by **30%** through database optimization with Django and SQLite.

Car Rental System GitHub

- Developed a feature-rich **car rental platform** with Django and SQLite..
- **Automated email** notifications for bookings, increasing customer engagement by 25%.
- Enabled secure payment processing and order management, enhancing the user experience.

SKILLS

- **Programming Languages:** Python, JavaScript
- **Frameworks:** Django, React
- **Databases:** MySQL, SQLite, PostgreSQL
- **Tools:** Jupyter Notebook, VSCode, Git, Bash
- **Web Developement:** HTML, CSS , JQuery

CERTIFICATES

Intermediate Python - CYBRARY

Django and PostgreSQL - UDEMY

TCS iON Career Edge - Young Professional - TCS ION

VOLUNTEER EXPERIENCE

- Coordinated web activities for the Alumni Association, improving engagement and outreach.
- Managed election processes, ensuring smooth execution and transparency.