

Kishore Kumar R

Python Developer

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Summary	Python Developer with hands-on experience in HTML, CSS, JavaScript, Bootstrap, Python, Django, and MySQL. Proficient in building responsive web applications and desktop GUI tools using Tkinter. Experienced with Git and GitHub for version control. Strong problem-solving and debugging abilities with a focus on writing efficient, maintainable, and scalable code. Eager to contribute technical expertise to a collaborative software development team.	
Projects	Expensive Tracing Project OOP, Python, Django, MySQL, HTML, CSS	October 2025
	<ul style="list-style-type: none">Developed a modular tracing system using OOP Python and Django, improving data tracking efficiency by 40% through scalable and maintainable architecture.Integrated MySQL with Django ORM, reducing data retrieval time by 30% when handling large datasets.Designed a responsive HTML/CSS frontend enabling real-time visualization and reporting for users. <p>Challenges Overcome: Database query optimization and maintaining scalability for growing data volumes. Outcome: Achieved stable performance with 99% uptime and improved system scalability for future expansion.</p>	
	Gym Management Website Python, Django, MySQL, HTML, CSS, JavaScript	September 2025
	<ul style="list-style-type: none">Built a full-stack gym management platform handling memberships, trainer schedules, and payments for 100+ active users.Implemented CRUD operations using Django ORM, enhancing database reliability and reducing manual record errors by 35%.Designed a responsive UI using HTML, CSS, and JavaScript, ensuring a seamless experience on both desktop and mobile. <p>Challenges Overcome: Managing real-time data synchronization and ensuring role-based data consistency. Outcome: Delivered a fully functional, user-friendly system that improved administrative efficiency by 50%.</p>	
	Parkinson's Disease Detection Application Python, Tkinter, Machine Learning (SVM)	March 2025 - Augest 2025
	<ul style="list-style-type: none">Developed a desktop ML application using SVM to detect Parkinson's disease from voice samples with 95% accuracy across 200+ patient datasets.Created an intuitive Tkinter GUI, improving accessibility for early screening by healthcare professionals.Applied SVM techniques aligned with research standards to ensure clinical-grade model performance. <p>Challenges Overcome: Managing noisy datasets and balancing accuracy with processing efficiency. Outcome: Achieved 95% diagnostic accuracy, reducing analysis time by 60% compared to manual methods.</p>	
Skills	programming languages python, javascript front-end HTML5, CSS3, JavaScript, Bootstrap Frameworks & Libraries django, angular, tkinter, Scikit-learn, Pandas, NumPy tools&platforms Git, GitHub, VS Code, Jupyter Notebook, Visual Studio databases mysql softskills Adaptability, Time Management, Communication, Self-Motivation:	
Education	GRT Institute of Engineering and Technology Tiruttani CGPA: 7.39	2021–2025 B.E, Biomedical Engineering
	T.K.V. Matriculation Hr. Sec. School Tiruttani Score: 77.32%	2019–2021 Higher Secondary Certificate (HSC)
Certifications	python full stack softlogic academy(SLA),chennai Successfully completed Python Full Stack Development training with Grade "A" at Softlogic Academy (SLA), Chennai. Gained practical experience in HTML, CSS, JavaScript, Python, Django, and MySQL for full-stack web application development.	october 2025