

GAYATHRI KRISHNA M

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Objective	Motivated Master's graduate in Computer Applications with hands-on experience in Python full-stack web development, cloud and research in speech recognition. Proven ability to deliver scalable, user-centric solutions using Python, Django, and relational databases. Seeking to apply technical skills in a collaborative environment that fosters continuous learning and innovation.
Skills	Languages & Frameworks: Python, Django, HTML, Machine Learning Database: MySQL, PostgreSQL Tools & Platform: Git, VSCode Soft Skills: Adaptability, Team Collaboration, Time Management, Problem Solving
Experience	Junior Software Developer, Atomstep Innovations LLP February 2026 – Present Contribute to full-stack feature development using Python and Django. Implement backend logic and database integrations for internal applications. Perform debugging, bug fixes, and performance optimizations. Collaborate with team members using Git-based version control workflows. R&D Intern, Equidor Medtech LLP June 2025 - July 2025 Conducted a comparative evaluation of open-source automatic speech recognition frameworks, primarily OpenAI Whisper and VOSK. Developed a prototype ASR Python CLI tool leveraging OpenAI Whisper to perform any-language-to-English transcription and automatically organize each transcript into a dedicated folder.
Projects	Atomgoal (Startup Project atomgoal.com) March 2025 – February 2026 Built a dynamic Python Django web application to deliver daily motivational quotes, goal setting and tracking, enabling users to share posters, goal cards and earn digital rewards for goal completion. Configured PostgreSQL on AWS EC2 and deployed using Gunicorn and Nginx, enabling 24/7 access under a custom domain with HTTPS. Restaurant Management System Developed a Python Django-based full-stack solution with modules for admin, staff, and customer roles Implemented secure login, role-based access control, and custom dashboards for order processing, table reservations, and event catering services Organic Essentials E-commerce Developed a Python Django-based online store for organic products with SQLite backend Designed relational schema for efficient product, order, and user management; created an interactive UI for seamless shopping. Topological Space Research Explored advanced mathematical concepts and their applications in computing
Education	Master of Computer Applications College of Engineering Vadakara, 2023–2025 · 80.8% Bachelor of Science in Mathematics St. Xavier's Arts & Science College, 2020–2023 · 74.92% 12th - Kendriya Vidyalaya No.1, 2019–2020 · 69.6% 10th - Veda Vyasa Vidyalayam, 2016–2017 · 8.6 CGPA
Certifications	Power BI for Beginners - Simplilearn (2025) Data Base Management System - NPTEL (2024) Data Entry and Office Automation - LBS (2023)