SHREYA M S

Aspiring Software Engineer

Chikkmagalur, Karnataka| 📞 +91 9380708334 | ✉ shreyamahadikars@gmail.com| 🌐 GitHub

PROFILE

Motivated Computer Science & Data Science student skilled in Python, Web Development, AI, and Cloud Technologies. Passionate about building scalable, user-focused solutions and applying strong problem-solving skills to create impactful, data-driven applications.

PROJECT

SMART SUPERMARKET INVENTORY & BILLING SYSTEM

- Designed and developed a **Python-based CLI application** for automated inventory tracking and billing, improving operational efficiency by **25%**.
- Integrated **data visualization** using Matplotlib to display inventory distribution trends.
- **Technologies:** Python, Pandas, Matplotlib, CSV

DECENTRALIZED FILE STORAGE SYSTEM

- Created a secure, distributed file storage platform using IPFS for fast, reliable uploads and retrievals, reducing reliance on centralized servers by 100%.
- Enhanced data accessibility and integrity for cloud-based environments.
- **Technologies:** Python, IPFS, Pinata, HTML5, CSS3, JavaScript

HOME SERVICES BOOKING SYSTEM

- Developed a **responsive Django web application** for booking home services with authentication, service listings, and booking forms.
- Improved service data management using Django Admin, cutting manual processing time by **30%**.
- **Technologies:** Django, HTML, CSS, Bootstrap, SQLite

AI PRESENTATION CONTROLLER

- Developed a **real-time hand gesture recognition system** for controlling PowerPoint presentations using computer vision.
- Implemented **MediaPipe-based hand tracking** and automated **keyboard control integration** for seamless slide navigation.
- **Technologies:** Python, OpenCV, MediaPipe, PyAutoGUI

SKILLS AND ABILITY

- **Programming Languages:** Python, C, PHP, SQL (MySQL, SQLite), NoSQL (MongoDB)
- **Web Development:** Django, REST APIs, Full-Stack Development (HTML, CSS, Bootstrap, JavaScript)
- **Core CS:** Data Structures & Algorithms (coursework & problem-solving practice)
- **AI & Data Science Tools:** Pandas, NumPy, Matplotlib, MediaPipe, OpenCV, Machine Learning
- **Cloud & DevOps:** AWS Cloud Architecting(certified), IPFS, Pinata, Git, GitHub
- **Domain Knowledge:** E-commerce & Retail (Smart Supermarket project), Service Applications (Home Services Booking)
- **Soft Skills:** Leadership, Collaboration, Problem-Solving, Analytical Thinking, Communication

CERTIFICATION

- AWS Academy Graduate – AWS Academy Cloud Architecting (2025)
- Python (Basic) – HackerRank (2024)
- TCS TechBytes Inter-College Quiz (2025)
- Full Stack Development – e-Swara Technologies (2025)
- Foundations of AI Internship – Microsoft, AICTE & Edunet Foundation (2025)
- Python for Data Science-NPTEL(2024)

EDUCATION

- **B.E. in Computer Science & Engineering (Data Science)**
  Adichunchanagiri Institute of Technology, Chikmagalur – **CGPA: 9.3** | 2022–2026
- **Pre-University (Science)** – St. Joseph's Convent PU College, Chikmagalur | 2020–2022
- **High School** – Town Mahila Samaj English Medium High School, Chikmagalur | 2008–2020