

Raghavendra S Patil

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Summary

Aspiring Data Scientist and Machine Learning Engineer with a strong foundation in statistical analysis, predictive modeling, and deep learning frameworks. Skilled in Python, Flask, Scikit-learn, TensorFlow, and cloud platforms (AWS, Azure, GCP). With hands-on project experience in AI-powered chatbots, NLP, and cloud-based ML applications.

Internships

Web Development Intern – Octanet Services

Sept 2024 –Oct 2024

- Assisted in coding, debugging, and UI enhancements; collaborated with stakeholders and contributed to documentation.
- Gained hands-on experience with modern web technologies and improved overall understanding of web application architecture.

Data Science Intern – Starvic Edu Tech Llp

Nov 2024–Jan 2025

- Developed proficiency in using Python libraries such as Pandas, NumPy, Scikit-learn, and Matplotlib for data science tasks.
- Gained exposure to industry practices through active participation in project-based learning and mentorship sessions.

Skills

- Programming:** Python, C, Java (Basics)
- Web:** HTML, CSS, JavaScript, Bootstrap, Flask, Django
- Databases:** Oracle RDBMS, MySQL, SQL
- Cloud:** AWS (EC2, S3, IAM, RDS, CloudWatch), Azure (Basics), GCP (Basics)
- DevOps & Tools:** Docker, Kubernetes, Git, GitHub, VS Code, Google Colab
- Data Science:** NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn (Basics), AI Concepts
- Collaboration Tools:** Google Workspace (Docs, Sheets, Gmail, Chrome)

Projects

Dr HeAlify AI – Intelligent Medical Assistant

- Developed a Flask-based healthcare chatbot using Python, LLMs (LLaMA, LangChain, RAG).
- Built modules for Symptom Checker, BMI Calculator, Health Monitoring, and Condition Explainer.
- Achieved 96.58% accuracy in disease prediction using Random Forest.

Plagiarism Checker using ML

- Developed an NLP-driven plagiarism detection tool using Python, ML models (Naïve Bayes, SVM, Random Forest).
- Built a Flask web app for real-time analysis with similarity scoring and highlighting.

Education

Master of Computer Applications (MCA)

Feb 2024 - Oct 2025

GPA: 9.2

- KLE Institute Of Technology, VTU

Bachelor of Computer Applications (BCA)

Sept 2020 - Oct 2023

GPA: 8.8

- KLE's RLSI Belagavi, RCU

Certifications

- GenAI Powered Data Analytics:** Tata **2025**
- Web Development :** Octanet Services **2024**
- AWS Certified Cloud Practitioner :** AWS **2023**

Achievements

- Presented a research paper titled “*MediCura AI: Smart Health Companion for Patients & Professionals*” at the 2nd Joint International Conference on Innovative Engineering Technologies (ICIET–2025), organized by KITCoE (India), Ningxia University (China), SJTU (China), and AGH University (Poland).
- Presented a research paper titled “*A Comparative Deep Learning Framework for Mango Tree Disease Detection Using CNN-Based Transfer Learning and Image Augmentation Techniques*” at the 4th International Conference on NKCon 25.