

SUHAS RAMESHA

AI & ML ENGINEER

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SUMMARY

AI Developer & Applied ML Researcher passionate about building intelligent systems by implementing LLMs, data science, and full-stack engineering. Experienced in developing RAG assistants, predictive models, and AI-powered web apps using Streamlit, React, and Node.js. Actively contributing to real-world projects across healthcare, education, and cultural AI. Driven by curiosity, impact, and a commitment to open-source innovation.

PROFESSIONAL EXPERIENCE

AI Intern - VISWAM.AI (IIIT Hyderabad, Swecha, Meta) May 2025- Aug 2025

- Improved accessibility by fine-tuning AI models and building speech-driven, multilingual interfaces for 3+ low-resource languages.
- Built open-source Streamlit tools to collect 10,000+ Indian cultural data samples.
- Contributed to a voice-based RAG assistant supporting 5+ Indian languages for rural outreach

AI Intern - IBM SkillsBuild (Remote) Jul 2025- Aug 2025

- Achieved 85%+ accuracy in salary prediction by developing a Streamlit app using Gradient Boosting on the UCI Census dataset.
- Increased workforce analysis efficiency by 40% through batch inference pipelines and interactive visualization dashboards.

PROJECTS

MediQuery AI · Hugging Face Transformers · Unsloth Mistral-7B · LLM Fine-tuning

- Fine-tuned Mistral-7B on 5K+ hospital records for real-time Q&A via Hugging Face
- Enhanced decision-making by designing a Streamlit app with secure APIs and dynamic insights to query 1000+ admission records.

Face Recognition System · Hugging Face · FastAPI · React · Docker · Netlify

- Built a full-stack face recognition system with real-time detection and embedding-based matching, achieving 92%+ recognition accuracy.
- Deployed a Dockerized FastAPI backend with React + Tailwind frontend, scaling secure access control workflows to 500+ users.

SKILLS

Languages : Python, C++, C, JavaScript (ES6+), Java, SQL

Web Dev : React.js (Vite), Node.js, Express.js, Firebase, TailwindCSS, HTML/CSS

Automation & Integration : n8n, REST APIs, Auth, Webhooks

Databases : PostgreSQL, MySQL, SQLite, MongoDB

AI/ML/Deep Learning : Python (Scikit-learn, Pandas, NumPy, Prophet, TensorFlow), LangChain, Hugging Face Transformers, PyTorch, Gradient Boosting, Fine-tuning

EDUCATION

B.E in Artificial Intelligence & Machine Learning :

Oct 2023 - Oct 2027

- MVJ College of Engineering, Bangalore 8.8 CGPA

ADDITIONAL INFORMATION

- Languages** : English, Kannada, Telugu, Tamil, Hindi
- Certifications** : Oracle OCI AI Foundations, Harvard CS50's AI, AI & Python Specializations (DeepLearning.AI, IBM SkillsBuild), AI Primer (Infosys Springboard).
- Awards/Activities** : Finalist – DSATM AI+Blockchain Hackathon (Top 8/63), Amazon ML Summer of School 2025 Participant (Top 5%, 3,000 selected from 60,000+ applicants), Software Engineering Job Simulation – Goldman Sachs.