SHRINIDHI H V

✉ mrtycoonshrinidhi.6@gmail.com | 📞 +91 9611438626 | 🔗 linkedin.com/in/mr-tycoon-shrinidhi | ⌨
github.com/mrtycoonshrinidhi6 | 🌐 https://shrinidhi-portfolio-alpha.vercel.app/

Professional Summary

Aspiring **Data Scientist** and **Machine Learning Engineer** with hands-on experience in **AI, Deep Learning, NLP, LLMs, and Generative AI**. Built multiple **AI-driven solutions**, optimized models for production, and deployed scalable apps using **Python, TensorFlow, PyTorch, LangChain, and FastAPI**. Passionate about solving business challenges using **data-driven insights** and cutting-edge AI technologies.

Education

M.Tech in Data Science & Artificial Intelligence   **12/2023 – Present**
Visvesvaraya Technological University, Bangalore   CGPA: 7.8

B.E. in Computer Science Engineering (CSE)   **08/2019 – 05/2023**
Visvesvaraya Technological University, Bangalore   CGPA: 7.0

Indian School Certificate (ISC)   **06/2016 – 05/2018**
Council for the Indian School Certificate Examinations (CISCE)   CGPA: 7.4

Secondary School Leaving Certificate (SSLC)   **06/2015 – 05/2016**
Karnataka Secondary Education Examination Board   Percentage: 76.80%

Internship Experience

Data Science Intern   **11/2024 – 04/2025**
Knowx Innovations, Bangalore – Built **image recognition**, **text summarization**, and **predictive analytics** pipelines. – Optimized AI pipelines, improving inference speed by **25%**.

Java Full Stack Developer Intern   **05/2023 – 11/2023**
Teachnook, Bangalore – Developed **full-stack features** using **React, Spring Boot, MySQL, REST APIs**. – Deployed applications on **AWS** and automated **CI/CD pipelines**.

Technical Skills

Programming: Python, Java, JavaScript, TypeScript, SQL
Machine Learning: Regression, Classification, Clustering, Ensemble Models, Model Optimization
Deep Learning: CNN, LSTM, Attention, Transformers, GANs, Transfer Learning
NLP & LLMs: LangChain, Prompt Engineering, RAG, Summarization, OpenAI/Gemini APIs
Frameworks & Tools: TensorFlow, PyTorch, Keras, Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn, OpenCV
Web & Backend: FastAPI, Flask, Node.js, Express, React, Streamlit
Databases: MySQL, PostgreSQL, MongoDB, Firebase
Cloud & DevOps: AWS, GCP, Docker, Kubernetes, Jenkins, CI/CD
Others: REST APIs, Git, Agile, Hugging Face

Certifications

– Java Full Stack Developer with React – Coursera

– Applied Data Science with Python Specialization – Coursera

Projects

- **AI-Powered Image Captioning** — Generated contextual captions using **CNN + LSTM** with transfer learning. *(TensorFlow, Keras, OpenCV)*

- **AI Story Generator** — Built an **LLM-driven storytelling app** using LangChain and OpenAI APIs. *(Flask, FastAPI)*

- **Deepfake Detection using Deep Learning** — Detected fake videos using **ResNet + CNN** classifier. *(PyTorch, OpenCV)*

- **Gemini Video Summarizer** — Summarized long videos using **Gemini API + Whisper**. *(Python, Streamlit)*

- **LangChain Conversational Chatbot** — Developed a context-aware **chatbot with RAG** using Pinecone DB. *(LangChain, FastAPI)*

- **NutriGenAI** — Built a personalized AI-powered diet planner. *(ML, Flask, React, Firebase)*

- **Black Hole Attacks Detection** — Identified network anomalies using **SVM + Random Forest**. *(Python, Scikit-learn)*

- **Bus Booking System** — Created a complete **full-stack booking platform** with seat availability, payments, and JWT authentication. *(Java, Spring Boot, MySQL, React)*

Languages

- English — Fluent

- Hindi — Proficient

- Kannada — Native

- Tamil — Intermediate

Hobbies & Interests

- Exploring Generative AI & LLMs

- Reading Tech Blogs & Research Papers

- Gaming & Esports

- Competitive Coding & Problem Solving