

Viswas Chowdary Kovi *AI/ML Engineer*

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📍 London, United Kingdom

🌐 Viswas Chowdary Kovi

🔗 Portfolio

🐙 GitHub

Professional Summary

AI & Machine Learning Engineer specializing in generative AI, deep learning, and natural language processing. Experienced in developing and optimizing advanced AI models, including GANs, transformers, and LLMs. Skilled in Python, TensorFlow, PyTorch, cloud platforms, and model deployment. Passionate about AI-driven innovation, automation, and enhancing user experiences across industries.

Professional Experience

11/2024 – 05/2025

Design Engineer Intern

Tirupati, India

Amara Raja Power Systems

- Utilized Solid Edge for 3D modeling and design optimization, improving product development efficiency.
- Developed AI-driven automation tools to optimize manufacturing workflows, reducing inefficiencies by 15%.
- Implemented predictive maintenance algorithms, enhancing system reliability and reducing downtime.

08/2023 – 01/2024

Web Developer Intern

Guntur, India

Webengers

- Designed and built responsive, user-centric web applications using React.js, React Native, HTML, CSS, JavaScript.
- Optimized web applications, improving performance by 30% through advanced front-end techniques.

03/2023 – 04/2023

Data Science and Business Analytics intern

Chennai, India

The Sparks Foundation

- Developed predictive analytics models, improving business decision-making by 20%.
- Performed data cleaning, visualization, and trend analysis to support strategic insights.

03/2022 – 05/2022

Data Science Intern

Chennai, India

Smart Internz

- Built supervised and unsupervised machine learning models to optimize data-driven decision-making.
- Applied feature engineering and hyperparameter tuning, achieving 10% higher model accuracy.

Education

09/2025 – 2027

Master's

Hatfield, England,

University of Hertfordshire

United Kingdom

Artificial Intelligence

07/2019 – 06/2023

Bachelor of Technology

Chennai, India

VIT University

Mechanical Engineering

Certificates

Machine Learning

Stanford University

Python Data Structures

University of Michigan

Skills

AI & Machine Learning

Generative AI (GANs, VAEs, LLMs), Deep Learning, NLP, Computer Vision, Transfer Learning

Programming

Python, TensorFlow, PyTorch, Keras, OpenCV, Flask, FastAPI

Cloud & Data Engineering

AWS (S3, EC2, Lambda), GCP, Docker, Kubernetes, Apache Spark

Web Development

React.js, React Native, HTML, CSS, JavaScript, REST APIs

Tools & Frameworks

Web Scraping (BeautifulSoup, Selenium), Data Pipelines, Model Deployment

Projects

Car Damage Detection

Capstone Project

- Built an AI-powered vehicle damage detection and cost estimation system using computer vision and deep learning. Achieved 92% accuracy.

RAG Based GEN AI Chatbot

- Developed a context-aware AI chatbot leveraging retrieval-augmented generation (RAG), web scraping, and vector databases.

AI Filters for Image Processing

- Designed and fine-tuned stability models for AI-driven image inpainting and restoration.

AI Experience Center

- Deployed LLMs for intelligent automation, integrating AI-driven solutions for business applications.

Smart Health Prediction

- Created a tuberculosis prediction model, achieving 85% precision using machine learning.

Organisations

Sports Club, VITC

Technical Team Member

Awards

Runner-Up, VIT Chennai Hackathon

VIT University

- Developed an AI-powered automation tool optimizing workflow efficiency

Declaration

I declare that the information provided is true and accurate to the best of my knowledge. I am committed to making a positive impact in the field of AI and contributing to innovative solutions.

Viswas Chodary Kovi