**ABHISHEK G**

AI/ML Engineer

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 8550854686 |  | abhishekggowda29@gmail.com |  | [www.linkedin.com/in/abhishek-gowda-50469b215](https://www.linkedin.com/in/abhishek-gowda-50469b215) |  | Bengaluru |

Summary

As an experienced IT professional with more than three years in the industry, including two years as an AI/ML Engineer, I have a proven track

record of deriving meaningful insights from complex data. I specialize in leveraging advanced AI techniques to design and deploy machine

learning models. My experience includes developing practical solutions, particularly in banking and fraud detection.

Skills

|  |  |
| --- | --- |
| Gen-AI Machine Learning Natural Language Processing OCR Docker Flask Model Optimization Python MongoDB MySQL Transformers |  |

ServiceNow OpenCV Scikit-learn PyTorch Artificial intelligence Deep Learning Neural Networks

Experience

|  |  |
| --- | --- |
| SimplyFI Innovations PTE Ltd  AI/ML Engineer | Bengaluru  06/2023 - Present |

A technology company specializing in AI and ML solutions

•Worked with **CycleGAN** for a crucial project to improve **the accuracy of an existing banking application.**

•Collaborated with a banking client to develop a **fraud detection model** leveraging **computer vision techniques.**

•Developed an end-to-end AI-powered product called **CyberGPT** using **GPT-4 technology**, featuring capabilities such as **image comparison,**

**document comparison, and security vulnerability assessments.**

•Implemented a **speech-to-text system** using **OpenAI's Whisper Medium model.**

•Developed a **RAG-based model** to accurately extract fields from invoices using a **quantized Mistral-7B model.**

•Contributed to the development of a **GPT-based medical chatbot** designed to **analyze patient health history and suggest possible diagnoses.**

•Worked with **the DONUT model** to extract **user-specific content** from invoices.

•Hands-on experience with **Docker** for deploying **APIs and applications** on-premises.

•Developed **Flask APIs** to integrate with **the ServiceNow ticketing system** and other services.

•Developed a **chatbot for the agricultural domain** to assist farmers by **fine-tuning the Llama 3.2 Vision model.** The chatbot allows farmers to

**upload images and ask specific questions about them** or seek guidance on **crop-related issues and doubts.**

•In addition to developing the chatbot, also worked on two other use cases where **farmers send soil sensor data** and receive **weekly**

**recommendations based on the data.** These recommendations help farmers make **informed decisions for better soil and crop management.**

Quantum Dynamics Remote

Data Science Intern 02/2023 - 05/2023

A remote internship focusing on data science and AI

•Gained hands-on experience with **OCR engines** such as **PaddleOCR** and **Tesseract**.

•Acquired experience in managing live projects and deploying applications to production.

•Developed a strong foundation in **AI model** development and deployment.

HCLTech Bengaluru

Software Engineer 01/2022 - 10/2022

A global IT services company

•Worked as a **.NET developer** in a **UI development team**, **debugging and resolving UI-related issues** and **deploying updates and fixes.**

•Developed knowledge of cloud technologies, particularly **Azure**, and prepared for the **Microsoft Certified: Azure Data Scientist Associate**

**certification.**

Education

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Bangalore University | | | | GPA : | **8.06** | / 10 | [Powered by](https://enhancv.com/resume) | Bengaluru |
| Bachelor in Computer Applications | | 12/2017 - 12/2020 |
| • | Member of AI committee. | [](https://enhancv.com/resume) |
| • | President of Cultural Activities. |
| [www.enhancv.com](https://enhancv.com/resume) | |

Key Achievements

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | AI/ML Engineering Achievements |  | AI-Driven Precision Farming: |  | Fine-Tuned LLaMA & GAN Models |
| Developed and deployed multiple high- | Increased Model Accuracy from | for High-Accuracy AI in Banking |
| impact AI models, improving operational | 57% to 90%. | and Finance. |
| efficiency and enhancing real-world |
| Increased accuracy in the agricultural | Improved the accuracy of field |
| user experience. |
| domain from 57% to over 90%, helping | extraction—such as date, account |
| farmers determine necessary action | number, total amount, and beneficiary |
| plans for optimal crop cultivation—from | name—by leveraging a GAN model to |
| seeding and soil maintenance to | remove obstructive boxes. |
| harvest. | Additionally, fine-tuned LLaMA models |
| to assist farmers across the USA and |
| other countries with agricultural |
| insights and decision-making. |

Languages

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| English Native |  | Hindi Native |  | Kannada Native |  |

Interests

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Artificial Intelligence |  | Blogging on GenAI |  | Team Mangement | |
| [Powered by](https://enhancv.com/resume) | [](https://enhancv.com/resume) |
| [www.enhancv.com](https://enhancv.com/resume) | |