Abhinab Das

Bengaluru, Karnataka - 560076, India

📞 +91 7735888490 ✉ abhinabdas004@gmail.com

🔗 linkedin.com/in/abhi9ab ⬛ github.com/abhi9ab 🌐 abhi9ab-portfolio.vercel.app

Education

R V Institute of Technology and Management November 2022 – Present

B.E. Computer Science and Engineering | (8.22 cgpa upto 5th semester) *Bengaluru, Karnataka*

Experience

Hyperly | *www.hyperly.ai* February 2025 – Present

Frontend Developer Intern *Remote*

- Developed and optimized responsive Next.js TypeScript pages for enhanced user experience.
- Implemented animations and interactive UI components using Framer Motion and Tailwind CSS.
- Improved SEO by optimizing meta tags and structured data for better search engine visibility.
- Collaborated on UI/UX improvements, ensuring accessibility and performance optimization.

Projects

DeepSeek-R1-Distill-Llama-8B-finance-v1: Finetuned Deepseek model for finance reasoning

Hugging Face, Unsloth, PyTorch, LoRA February 2025

- Finance-Specialized LLM Fine-Tuning: Fine-tuned DeepSeek-R1-Distill-Llama-8B on financial datasets to enhance domain-specific understanding and response accuracy.
- Efficient Fine-Tuning with LoRA: Applied Low-Rank Adaptation (LoRA) to fine-tune DeepSeek-R1-Distill-Llama-8B on financial datasets, reducing computational costs while maintaining model performance.
- LoRA Fine-Tuning with Unsloth: Utilized Unsloth for efficient LoRA-based fine-tuning of DeepSeek-R1-Distill-Llama-8B, significantly reducing training time and memory consumption.

PrepLens: Mock Interview Preparation Application

Next.js, TypeScript, Google Gemini, Tensorflow.js, Prisma, Supabase December 2024

- AI-Powered Interview Assistance: Integrated generative AI models to provide real-time feedback on user's responses, leveraging Gemini API for intelligent answer evaluation.
- Facial Expression & Posture Analysis: Implemented real-time facial expression and posture tracking using faceapi.js to assess user confidence, alerting them if they move out of the frame.
- Scalable Backend Architecture: Designed a robust backend with Supabase and Clerk for secure user data storage, authentication, and session management.
- Resume Analysis & ATS Scoring: Developed a resume evaluation system that assigns ATS scores, identifies missing keywords, and provides improvement suggestions using Gemini models.

AdSage: AI-Powered Ad Image Generator

AWS Bedrock, Flask, FAISS, Amazon Titan November 2024

- AI-Driven Advertisement Image Generation: Utilizes AWS Bedrock and Amazon Titan Image Generator v2 to generate high-quality advertisement images tailored to company branding.
- Website Content Analysis with RAG: Dynamically extracts and analyzes website content using Retrieval Augmented Generation (RAG) to generate contextually relevant ad creatives.
- Automated Image Customization: Allows users to input specific prompts to fine-tune image styles, ensuring brand consistency and marketing effectiveness.

Technical Skills

Languages: Python, TypeScript, JavaScript, C
Frameworks: Next.js, React.js, Node.js, Express.js, Flask
Databases: PostgreSQL, MySQL, MongoDB
AI/ML: PyTorch, Langchain, Hugging Face, Unsloth, Ollama
Cloud: Vercel, Google Cloud Console
DevOps: Git, Docker
Others: Postman, Supabase, Prisma, Appwrite

Achievements / Certifications

Finalist at Rocketium's Gen-AI AWS CreatiVerse Hackathon.

Contributed to open-source projects during Hacktoberfest and GSSOC extended October 2024.

Completed *Fine-Tuning Large Language Models* by DeepLearning.AI.

Postman API Fundamentals Student Expert Certification.