ATHARVA ABHAY DESHPANDE

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PROFESSIONAL SUMMARY

AI Engineer and Entrepreneur with expertise in deploying full-stack Generative AI solutions. Skilled in LLM fine-tuning, LoRA training, and creating intelligent applications across domains. Demonstrated experience in image generation, chatbot workflows, and API integrations. Seeking to leverage technical, entrepreneurial, and creative skills for innovative projects at Turing.

TECHNICAL SKILLS

- **Programming:** Python, C, Node.js, SQLite, Flask
- **AI/ML:** Machine Learning, Deep Learning, LoRA Training (Flux, SDXL)
- **Generative AI:** Text, Image, Video Generation, LLM Fine-tuning
- **Tools & Frameworks:** ComfyUI, Claude/OpenAI API, n8n Automation
- **Web Development:** REST APIs, Webhooks, Workflow Automation
- **Design:** Canva, Figma, Jupyter Notebook

PROJECTS

Reddit Intelligence Tool

- Developed a scraper that converts subreddit data into structured insights (JSON)
- Implemented analytics capabilities for trend identification and analysis

AI Comic Generator | 100xEngineers MidCapstone Project

- Trained custom LoRA models on Flux for consistent character generation
- Utilized ComfyUI to create a 6-panel satirical comic book
- Implemented story-driven character consistency and layout design using Canva

Claude-integrated Telegram Chatbot with n8n

- Created an agentic chatbot with advanced LLM support and contextual memory
- Implemented email automation and context-aware interactions using Claude API
- Designed workflow automation with n8n for seamless user experience

Ad Creative Generation Tool

- Built a tool using OpenAI's GPT API and image generation models for marketing materials
- Developed frontend with Next.js and Tailwind CSS, deployed on Vercel

- Reduced ad creation time by 70%

Product Catalog Assistant

- Created an AI assistant that auto-generates product descriptions and categorizes listings
- Increased product listing efficiency by 60%

Creative Brief Generator

- Developed a GPT-powered system to transform campaign input into detailed creative briefs
- Reduced brief creation time by 50%

EXPERIENCE

Rocktech Engineers, Kolhapur

Operations Manager | August 2021 - Present

- Manage daily operations at mining sites including drilling, excavation, crushing, and mineral dispatch
- Coordinate with on-ground teams and transport vendors in challenging network environments
- Develop problem-solving skills and operational management expertise that translate to technical project management

Inator LLP, Pune

Intern

- Contributed to web and application development projects
- Designed social media templates and marketing collateral

EDUCATION

Bachelor of Technology in Computer Science Engineering

MITWPU, Pune | 2018 - 2021

Diploma in Electrical Engineering

New Polytechnic, Kolhapur | 2014 - 2018

CS50x – Introduction to Computer Science

Harvard/edX (Online) | 2024

SSC

St. Xavier's High School, Kolhapur | 2014

ACHIEVEMENTS & LEADERSHIP

- Winner, Vodafone Battle of Bands (2017)
- Finalist, Mood Indigo Band Competition (2019)
- Organizer, Goonj Cultural Fest at MITWPU
- Winner, Line Following Robot Competition (2016)

INTERESTS

Music, Generative AI, Books, Film, Travel, Gaming