AAKARSH CHAURASIA

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EDUCATION

Pursuing Bachelor of Technology in Computer Science and Engineering   September 2021 onward
Vellore Institute of Technology, Bhopal, Madhya Pradesh   8.18 CGPA
Specialization in Artificial Intelligence and Machine Learning

PROFESSIONAL EXPERIENCE

SoulAI – *AI Trainer (Freelancer)*   January 2024 - Ongoing
- Analysed responses generated by AI models and evaluated them using detailed rubrics to assess quality and performance
- Compared responses based on various criteria, including hedging, accuracy, indirectness, canned responses, and claim assessment
- Assessed the safety of AI-generated responses and ensured compliance with ethical AI guidelines and provided actionable insights and feedback to improve model behavior and output quality

TECHNICAL SKILLS

Design and Tools: GitHub, Figma, Git, Grok, Perplexity AI, GPT, Cursor
Programming Languages: Python, C++, Object-oriented programming
Databases: MySQL
Libraries and APIs: Numpy, Scikit-learn, Pandas, Natural Language Toolkit, Flask, Tensorflow

ACADEMIC PROJECTS

AirCanvas   February 2024 - March 2024
- Pioneered the integration of gesture recognition with digital art creation and drove a 30% increase in system accuracy and a 50% boost in user engagement
- Led a team of 2 members to enhance computer vision capabilities, enabling users to create virtual art intuitively through gestures, increased user satisfaction by 35% and boosted application engagement by 40
- Employed Python and integrated libraries such as Numpy, MediaPipe, and OpenCV to tune and optimize the user interface, achieving a 20% reduction in response times, facilitating smoother and more responsive interactions, and improving user experience in real-time

Cypher-AI   January 2024 - February 2024
- Innovated an AI helper, achieving a 70% increase in task automation and enhancing performance efficiency by 50%
- Honed AI's task performance on a range of user requests optimized to 60%–75% by harnessing libraries including speech recognition, operating system libraries, and date-time libraries, increasing job completion by 50%
- Implemented helper assistant would involve note-taking and system management, enhancing productivity by 40% and saving 25 hours of manual work weekly

Trible   October 2023 - January 2024
- Collaborated with 2 team members to develop a mobile marketplace app using Flutter, connecting businesses with skilled professionals for temporary or project-based roles
- Empowered independent agents to earn income and gain valuable work experience, fulfilling diverse staffing needs; survey involving over 80 college students to facilitate the exchange of ideas and skills through tribal knowledge-sharing platforms
- Improved UI/UX by 35% using Flutter's rich widget library and boosted transaction processing by 30% with integrated Stripe payments

ACTIVITIES

Google Crowdsource Community VIT Bhopal   October 2023 – May 2024
- Executed two successful events, engaging over 300 participants with tailored experiences; utilised feedback from attendees to refine future events, leading to a 95% satisfaction rate and increased repeat attendance