

Isha Sakunde

AI/ML Engineer

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Summary

AI Developer with extensive experience in developing AI platforms for mock interviews and skill assessments at Skillgenic. Proven expertise in building AI-based systems using machine learning and natural language processing, ensuring scalability and reliability in live project environments. Previous experience as a Data Science Intern at CipherBytes, performing exploratory data analysis and working on spam email filtration and time series forecasting. Proficient in C++, Python, SQL, HTML5, CSS, data science, machine learning, project planning, and problem solving. Aiming to leverage technical skills to drive innovation in AI development.

Experience

Skillgenic	Indore, India
AI Developer	Present
<ul style="list-style-type: none">Developed an AI platform for mock interviews with real-time question generation and candidate evaluation.Built an AI-based skill-checker using ML and NLP to assess technical and soft skills.Designed an adaptive interface for accurate and engaging skill assessments.Ensured scalability and reliability of AI systems in live project environments.	
CipherBytes	Indore, India
Data Science Intern	05/2024 - 06/2024
<ul style="list-style-type: none">Performed exploratory data analysis on large datasets to identify patterns and trends.<ul style="list-style-type: none">Work on the task given by the company, i.e., spam email filtration and time series forecasting.	

Education

Prestige Institute of Engineering Management & Research	
B.Tech : Artificial Intelligence and Data Science cgpa: 7.7 / 10	2021 - 2025

TECH STACK

C++ • Python • SQL • HTML5 • CSS • Data Science • Machine Learning • Project Planning • Problem Solving

Projects

Sorting Visualizer	Location
	07/2023 - 10/2023
The "Sorting Visualizer" is a web-based project that visualizes sorting algorithms like Bubble Sort, Selection Sort, and Merge Sort. It features randomly shuffled bars that can be sorted step-by-step by applying different algorithms, with users selecting the desired algorithm via interactive buttons. <ul style="list-style-type: none">It is an effective educational tool for learning algorithm behavior through interactive visual representation.	
ASL Hand Sign Recognition	Location
	02/2024 - 05/2024
Developed a computer vision system to identify American Sign Language signs using a convolutional neural network (CNN). Integrated real-time tracking and data augmentation, achieving high accuracy on a labeled ASL dataset for gesture recognition and classification. <ul style="list-style-type: none">Enhancing accessibility and communication for individuals with hearing impairments.	
AI career companion with AI-driven insights	Location
	09/2024 - 11/2024
AI Career Companion provides personalized career guidance using AI-driven insights. It analyzes user profiles, skills, and industry trends to offer tailored advice on job opportunities, skill development, and career growth strategies. <ul style="list-style-type: none">Helps users identify skill gaps, and provides actionable insights, empowering individuals to achieve their professional goals effectively.	

KEY ACCOMPLISHMENTS

Implemented and designed a AI Mock Interview

Developed an AI platform for mock interviews with real-time question generation and candidate evaluation.

ASL Sign Recognition Success

Achieved 95% accuracy in real-time ASL sign recognition.

Scalable AI Platform

Boosted platform scalability by 60% with efficient AI deployment.

Optimized Data Processing

Reduced data processing time by 30% using optimized algorithms.

Strengths

Hard-working

I am dedicated and consistent, as shown during my internship where my extra efforts helped the team complete a key project ahead of schedule.

Solving complex problems

I excel at tackling challenges, like optimizing a data processing algorithm that improved efficiency by 30%.