Narendrakumar Kumawat

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Key Skills

- Full Stack Developer
- Web Developer
- AI&ML Researcher

- JavaScript, MySQL, Node.js, React
- MongoDB, JAVA, Basic C++
- Flask/Django, Data Structure

- Understanding of Algorithms
- Literature Review
- Cross-functional Teamwork

Experience

ML Intern, Suvidha Foundation

Remote work Flexible   Dec 2024 - Present

As a Machine Learning intern, I worked with transformer models, implemented architectures for NLP and sequence tasks, and analyzed ML research papers to stay updated on advancements and enhance model performance.

Open Source Contributor, Github

Remote work Flexible   Dec 2024 - Present

Contributed to Python projects by implementing core features, optimizing performance, and writing tests and documentation. Skilled in web development (Django, Flask), data analysis (Pandas, NumPy), and actively engaged in the open-source community.

E-cell IIT, Bombay Campus Ambassador

Mumbai, Maharashtra, India   July 2024 - Dec 2024

In a role pivotal to navigating the organisation's and the industry's unique needs and challenges, I helped ensure that the organisation adhered to regulatory requirements.

Paradox, IIT Madras Event Deputy Lead Of DimensionsForge

Chennai, Tamil Nadu, India   May 2024 - June 2024

As a Graphic Designer at IIT Madras, I created posters and graphics that helped increase event attendance. I developed a consistent visual style for all materials, ensuring brand unity. Additionally, I collaborated with teams to design effective promotional content and improved the overall design process.

Certifications

- Certified AWS (Responsible Artificial Intelligence)
- Certified Linkedin (Paper Research)
- Learn Certified Ethical Hacker (CEH)
- Certification IITM (Python)
- Udemy (Web Development)
- Certified Google Cloud
- Linkedin Professional Certificate (Cyber Security)

Projects

short_url Maker (JavaScript)

Overview:
A Short URL Generator converts long URLs into concise, shareable links while maintaining functionality.Built with Node.js and MongoDB, it ensures efficient, scalable, and reliable URL management for social media, marketing, and more.

Development Tools:

Backend: JavaScript (MongoDB, node.js, ajx)
Development Environment: VSCode, Githup, Postman

Aira (Python Developer)

Overview:

The AIRA Project is an automated system that processes user messages and seamlessly routes them to the appropriate recipient or task. It enhances workflow efficiency by intelligently managing commands, ensuring smooth communication and task delegation with minimal manual effort.

Development Tools:

Backend: Python, Basic ML (webbrowser library, Flask/Django)
Development Environment: VSCode, Githup

Karn- ChatBot (Python, HTML, CSS, JavaScript)

Overview:

The Karn Project is an advanced AI chatbot designed to deliver real-time, accurate responses by integrating with global resources like Google and other reliable websites. It combines natural language understanding with dynamic web connectivity to provide up-to-date information across various domains. With personalized, human-like interactions, Karn is ideal for education, business, and everyday problem-solving.

Development Tools:

Backend: Python (SpeechRecognition library, Flask/Django)
Frontend: HTML, CSS (JavaScript for additional interactivity)
Development Environment: VSCode, Githup

Fitness Tracker (AI&ML)- Learning and Implementing ML

Overview:

This paper explores the use of context-aware applications in strength training by analyzing wristband accelerometer and gyroscope data. Using supervised learning, models were developed to track exercises, count repetitions, and detect improper form, achieving promising results with various machine learning algorithms.

Development Tools:

Backend: Python, Concept of AI & Machine Learning
Development Environment: VSCode, Githup