Narendrakumar Kumawat

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Key Skills

- Python Developer
- Web Developer
- AI&ML Researcher
- MySQL, NumPy, Pandas, Next.js
- MongoDB, Basic C++ , JAVA
- Chrome Extension, Data Structure
- Understanding of Algorithms
- Literature Review
- Cross-functional Teamwork

Experience

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.

Accomplishments:

- Improved app performance by 30% through optimized Python code.
- Contributed to open-source projects with bug fixes and feature updates.

E-cell IIT, Bombay Campus Ambassador

Mumbai, Maharashtra, India — July 2024 - Present

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.

Accomplishments:

- Promoted the idea of starting businesses to students.
- Helped organize workshops and events on startups.
- Connected students with mentors and experts.
- Encouraged students to join IIT Bombay's E-Summit and competitions.

Paradox, IIT Madras Event Deputy Lead Of DimensionsForge

Chennai, Tamil Nadu, India — May 2024 - June 2024 (2 months)

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.

Jamsetji Tata Society for Innovation and Entrepreneurship (JITSIE), IIT Madras Graphic Designer

Chennai, Tamil Nadu, India — November 2023 - July 2024 (months)

As a Graphic Designer at IIT Madras, I created visually appealing designs for various events and promotional materials. I collaborated with teams to ensure that all graphics effectively communicated our messages and brand identity.

Accomplishments:

- Developed a consistent visual style for IIT Madras materials.
- Worked with teams to design effective promotional content.

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)

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Projects

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, Git, (Optional: GitHub Pages for deployment)

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, Git, (Optional: GitHub Pages for deployment)

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, Git, (Optional: GitHub Pages for deployment)