SUHAS S

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PROJECTS:

- **MakeMore-Neural Network for Name Generation |** Python, PyTorch
  Built a neural network from scratch to generate new names using an autoregressive character-level language model.
- **NeuroFlap-Genetic Algorithm Game** | Python, Neet
  Built a Pygame-based game where a NEAT genetic algorithm autonomously plays Flappy Bird with flawless performance. Achieved a success rate of 100% in automated gameplay.
- **BreedSnap-Dog Breed Identification App** | HTML, CSS, JavaScript, Python, Scikit Learn, Gradio, Fastai, OpenCV
  Engineered a web application that accurately identifies dog breeds from uploaded images, leveraging deep learning models to achieve 92% accuracy.
- **SafeSpoon-Food Allergy Detection Platform** | OCR, GenAi, Gradio, React.js, Node.js, MongoDB
  Created a web application that analyzes food ingredients from uploaded photos and provides personalized allergy alerts based on user-specific details stored in a database.

SKILLS

- **Programming Languages:** C, Python, Java,Bash
- **Machine Learning:** Neural Networks, Image Recognition, Pytorch, Natural Language Processing, Fastai
- **Data Structures and Algorithms**
- **Web Development:** HTML, CSS, JavaScript
- **DBMS:** SQL, MongoDB
- **Linux Environments**

EXPERIENCE

NFThing
Backend Developer Intern   *(April 2024 – Present)*
- Spearheading backend development at NFThings, a **London-based** company specializing in decentralized websites using Web3 technology.
- Developing and maintaining Deflix, a blockchain-based movie rating application, ensuring scalability and efficiency, and having built 5+ APIs to enhance functionality.
- Enhancing backend development skills by managing complex systems and optimizing performance.

Mukti
Creative Team   *(Aug 2023 – Mar 2024)*
- Championed open-source software, with a primary focus on Linux distributions, educating over 300 individuals within the college community.
- Guided more than **30 individuals** in setting up and configuring Linux operating systems on their personal computers.
- Collaborated with team members to organize and execute events highlighting the benefits and usage of open-source technologies. Successfully hosted 5+ events with an average attendance of 100 participants.

EDUCATION

- **Ramaiah Institute of Technology,Bengaluru**   *(Dec 2022-present)*
  Bachelor of Engineering, Information Science; Cumulative GPA: **9.21**
- **Sri Adi Chunchanagiri Independent PU College,*Shimoga***   *(Nov 2020-April 2022)*
  PCMB, Percentage: **95.6%**

HACKATHON ACHIEVEMENTS:

- Recognized as one of the **top 15 teams nationwide** in the Unisys Innovation Programme (UIP).
- Achieved a position among the **top 70 teams across India** in the Recursive Hackathon.

CERTIFICATION:

Infosys Springboard's Artificial Intelligence course, Kaggle's Python Course,
Foss United-Git and Github Fundamentals