Supreetgouda Hiregoudra

Student

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To secure a position where I can contribute to software development using my skills in web technologies, machine learning, and DevOps tools. I aim to build scalable, efficient applications while continuously learning and growing in areas like full-stack development, AI-driven solutions, and cloud-based automation.

EDUCATION

High School
Jagadguru Tontadarya Residential School
Mundargi, Gadag, Karnataka

Pre-University
ICS Mahesh PU College
Dharwad, Karnataka

Undergraduate
KLE Dr. M. S. Sheshgiri College of Engineering and Technology
Belagavi, Karnataka

TECHNICAL SKILLS

Concepts:
DSA, OOP,DBMS,Computer Science

Languages:
Python, C++, C, JavaScript, HTML/CSS, MySQL

Tools & Platforms:
Git, GitHub, VS Code,GitHub Actions (CI/CD), Google Colab

PERSONAL PROJECTS

AI Image Generator – Full Stack Web App
- Integrated *Stable Diffusion* model to generate images from text prompts. Demonstrated proficiency in full-stack AI application development.

Camera trap for wildlife image Classification using ResNet-101
- build a deep learning model for wildlife species classification using ResNet-101. Trained on a custom dataset and achieved high accuracy. Published at the 3rd International Conference on Emerging Technologies in Computer Engineering.

Chest X-ray Report Generator using Generative AI
- Trained and integrated BLIP and GPT-2 models within a chatbot built using Gradio. Accepted chest X-ray images and produced diagnostic reports. Applied multimodal AI for practical use in the healthcare domain.

Personal Expense Tracker with DevOps Automation
- Led development and implemented complete CI/CD automation. Used Git, GitHub, Docker, Jenkins, and AWS EC2 for streamlined deployment. Ensured collaboration and end-to-end delivery using DevOps best practices.

Virtual Keyboard using AI and Computer Vision
- Developed a virtual keyboard controlled through hand gesture detection. Used Python, OpenCV, and MediaPipe for real-time gesture tracking. Presented at *Ingenious 2025*, a national-level tech competition.

CERTIFICATES

Applied Generative AI – Infosys Springboard

Natural Language Processing using Python

OpenAI GPT-3 for Developers – Infosys Springboard

Practical AWS for DevOps

ACHIEVEMENTS

Participated in Shrishti 2025 Hackathon – Acharya Institute of Technology, Bangalore

Presented project Research Paper at 3rd International Conference on Power Engineering and Intelligent Systems

Presented virtual keyboard project at International Project Exhibition – Angadi Institute of Technology, Belagavi

SOFT SKILLS

Adaptability | Critical Thinking | Problem Solving | Team Collaboration | Time Management | Willingness to Learn

CONFERENCES & COURSES

3rd International Conference on Power Engineering and Intelligent Systems
Conference/Issuer of the certificate
- Presented and published a Machine Learning & deep learning project on wildlife image classification using ResNet-101 at the **3rd International Conference on Emerging Technologies in Computer Engineering** . Recognized for its innovation in applying AI to biodiversity and conservation efforts

LANGUAGES

English
Full Professional Proficiency

Hindi
Full Professional Proficiency

Kannada
Full Professional Proficiency

INTERESTS

bike ride | Listening to music | nature | Photography