Virupakshi Halihal

Virupakshihalihal29@gmail.com | 821-726-5114 | Bengaluru |LinkedIn | Github

Professional Summary

Entry-level Software Developer with strong foundations in Python, SQL, Web Development, and DevOps, aligned with IBM's innovation-driven technology ecosystem. Experienced in building scalable, responsive web applications and automation-based solutions using modern development practices. Familiar with cloud computing concepts, containerization, and CI/CD pipelines, with a strong interest in IBM Cloud and enterprise-grade software solutions

Technical Skills

Programming: Python

Frontend: HTML, CSS.

Database: Oracle, SQL, MySQL.

Cloud Platforms: -

AWS: EC2, S3, Lambda, RDS, CloudWatch, CloudFormation, VPC, EKS

CI/CD: Jenkins, GitLab CI

Operating Systems: Linux, Ubuntu, Windows Scripting: Bash (automation scripts, deployment helpers)

Web & Reverse Proxy: Nginx (reverse proxy, SSL, load balancing)

Networking: VPC, Subnets, Route Tables, Security Groups, VPN

Education

Bachelor of Engineering –Electrical and Electronics Engineering
KLE Technological University, Dr. M.S. Sheshgiri Campus, Belagavi
CGPA: 7.5

Pre-University (PCMB)
Expert PU Science College, Nagarabetta
Marks: 75%

Projects

AHU Control Panel (HVAC Domain)

- Designed and developed a functional Air Handling Unit (AHU) control panel to monitor air
- temperature, humidity, and ventilation.
- Implemented automation logic for airflow and environmental control.
- Gained hands-on exposure to industrial control systems and hardware software interaction.
- Improved system efficiency through logical control flow implementation.

Knight-Bite Clone Website (HTML, CSS)

- Developed a fully responsive clone of the Knight-Bite website using semantic HTML and modern CSS.
- Ensured cross-device compatibility with mobile-first design principles.
- Improved UI consistency by following structured layout and design systems.
- Strengthened front-end development and styling skills.

Leaf Disease Recognition System (Python)

- Built a machine learning-based application to detect plant leaf diseases using image classification techniques.
- Performed image preprocessing including noise removal, segmentation, and feature extraction.
- Achieved 70–80% model accuracy on sample datasets.
- Reduced dependency on manual inspection, supporting efficient agricultural decision-making.

Achievements & Leadership

Sports Secretary

- Led and organized **inter-college sports events** with over **100+ participants**.
- Coordinated teams, schedules, and logistics for smooth event execution.

Sports Achievements – Kabaddi

- Represented **KLE Technological University** at **State and National levels**.
- Participated in **South Zone Inter-University Tournament 2023**, Bengaluru.
- **Runner-up** – Inter-Collegiate Tournament 2023, Hubballi.
- Competed in **South Zone Tournament 2024**, Aditya Engineering College, Andhra Pradesh.