Akhil Pasha

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SUMMARY

Graduate with a solid foundation in DevOps principles, proficient in Linux systems, Python programming, networking fundamentals, and SQL databases. Eager to apply academic knowledge in real-world scenarios, contributing to cloud infrastructure management and automation practices. Strong problem-solving abilities and to learning and implementing new technologies.

PROJECTS

CROP YIELD PREDICTION BASED ON INDIAN AGRICULTURE

May 2022 - July 2022
- Project Objective and Description: This project aims to help farmers cultivate proper crops for better yield production by analysing location of soil and Nutrients.
- Achievements: Awarded "Best paper award with 1st prize" at Project Symposium.
- Skills developed: Machine Learning, Algorithms, Web technology, Team work, Leadership, Java.

CLONING WEBPAGES

- Project Objective and Description: Developed clone pages like Netflix, One-plus, Rock Paper Scissor game and a portfolio.
- Skills developed: HTML, CSS and JavaScript and used Media-Queries, DOM and Validations.

EXPERIENCE

Technical Intern

NANO ROBOTICS EMBEDDED TECHNOLOGIES PVT LTD   July 2021 - September 2021, Bangalore, KA.
- Worked on different modules and hands-on development of project called 'Smart Agriculture monitoring system using IOT'.

SKILLS

Programming Lang: Python, Linux(Cent OS, Ubuntu, etc.), JavaScript.

Networking: TCP/IP, DNS, DHCP, OSI.

Web technologies: HTML, CSS, JavaScript, Bootstrap.

Cloud Infrastructure: AWS

Containerisation: Docker.

Version Control System: Git, Github.

Databases: MySQL, MongoDB.

EDUCATION

Bachelor of Engineering, Computer Science

KNS Institute of Technology (VTU) · Bangalore, KA · 2022

Pre-University (PUC)

Teachers Academy Pre-University · Bangalore, KA · 2018

CERTIFICATIONS

DevOps Beginners to Advanced

Udemy · 2024

Python from Beginner to Advanced

Udemy · 2023