AAKASH AMUDHAN K

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OBJECTIVE:

Aspiring professional in the field of Information Technology seeking an entry-level position where I can apply my passion for technology, problem-solving abilities, and eagerness to learn, contributing effectively to projects and gaining valuable experience in the industry.

EDUCATION:

Sri Sairam Engineering College, Chennai.
Bachelor of Technology- Information Technology.

Zion Matriculation Higher Secondary School, Chennai.
Higher Secondary Education.

TECHNICAL SKILLS:

Languages : Python, C, Javascript
Development Platforms : Kubernetes, Arduino, Figma

PROJECTS:

Kubernetes Alert Management with Prometheus and Grafana

Designed and implemented an alert management system for a Kubernetes cluster using Prometheus and Grafana. Deployed Prometheus for monitoring cluster health and performance, and integrated Grafana for real-time data visualization and dashboard creation. Configured Grafana to send alerts via email, ensuring timely responses to potential issues.

Analyzing Water Using A Locomotary Device With MCU

Developed a water quality monitoring system using an IOT-enabled RC boat equipped with sensors for pH, turbidity and Ultrasonic measurement. Implemented a microcontroller based system for real-time data collection across various water bodies, enhancing environmental conservation with actionable insights into water quality.

INTERNSHIPS:

Cosmohentorq Innovations Private Limited

Completed a 30-day internship in kubernetes

Yoho Technologies

Completed a 30-day internship in UI/UX Design

CERFICATIONS:

- Cloud Computing-NPTEL
- Big Data Essentials-NPTEL
- Kubernetes for Developers-Udemy
- AWS Cloud Practitioner Essentials-(In Progess)

LANGUAGES:

- English
- Tamil

ACHIVEMENTS:

- Winner in Zonal level Hockey tournament(TN)-2023
- Virtue Book of World Records-Thirukurral-2022