

# S Krithik Guhan

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## BCA Graduate | Fleet, Monitoring Agent- Foundry Digital India

A technically proficient BCA graduate specializing in cryptocurrency mining operations, cloud technologies, and automation. Proficient in optimizing operational processes, managing technical workflows, and addressing performance issues to maintain high efficiency. Experienced with Google Cloud Platform (GCP) for instance creation, cost analysis, and system optimization, coupled with expertise in HTML, CSS, Python, JavaScript, and Ansible for developing robust technical solutions. Strong background in Linux environments, networking concepts, and version control using Git. Known for successfully implementing innovative projects that drive efficiency, including cryptocurrency monitoring systems, automation playbooks, and web-based platforms for operational enhancement. A dedicated professional with a track record of improving system performance and delivering solutions aligned with organizational goals.

### WORK EXPERIENCE

FOUNDRY DIGITAL INDIA, UB Towers Bengaluru

Fleet Monitoring Agent

10/2023 - 12/2024

Digital Currency Group

- Acquired in-depth knowledge of cryptocurrency mining operations, with a focus on optimizing miner performance and site functionality.
- Improved miner performance by 20% by optimizing hash rate monitoring processes, achieving consistent operational efficiency and addressing performance irregularities promptly.
- Executed technical tasks, including generating and managing support tickets and remotely rebooting mining devices, ensuring minimal downtime.
- Supervised customer sites to enhance process efficiency and streamline operations, contributing to measurable performance improvements.
- Gathered, analysed, and shared critical operational data with site teams, fostering seamless workflows and decision-making.

### EDUCATION

THE NATIONAL COLLEGE, Basavanagudi Bengaluru

Bachelor of Computer Application (B.C.A)

CGPA 6.9

### CERTIFICATIONS

SUDOPIA (Soft Skills Only)

FOUNDRY DIGITAL INDIA

11/2024

Advanced testing practices using AWS DevOps Tools

AWS Skill Builder

10/2024

Getting Started with DevOps on AWS

AWS Skill Builder

09/2024

CERTIFIED HARDWARE & NETWORKING ENGINEER

JETKING

01/2020

## **PROJECTS**

### **ETHEREUM VALIDATOR COLLECTOR**

Foundry Digital India

A web application designed to fetch and display information about Ethereum validators, highlighting the top validators and the top 10 leaderboard. Leveraging artifacts and JFrog for backend processes and React.js for the frontend, it ensures efficient data retrieval and a user-friendly interface for seamless access to validator insights.

### **GOOGLE CLOUD PLATFORM (GCP)**

Playbook Creation with Ansible Automated the management of machine configurations by creating playbooks using Ansible, ensuring efficient and repeatable deployment processes. Machine Configuration and Cost Analysis Developed Python scripts to fetch machine configurations and calculate associated costs, providing detailed insights for optimization. GCP Instance Creation Enabled seamless creation of GCP instance machines via the Cloud Console, simplifying resource provisioning. BigQuery for Cost Calculation Utilized BigQuery to fetch and analyze total costs for creating instances based on parameters like region, machine type, operating system, and storage type.

### **EVENT MANAGEMENT SYSTEM**

It is a frontend-focused project, built for a .NET-based event management system, enables users to seamlessly plan and manage events such as weddings and corporate meetings. The web application allows users to select event types, customize food menus, include photography services, and view a detailed billing page, providing an intuitive and efficient platform for event planning.

## **SKILLS**

AI Content Generation, AI-generated documentation & test cases, AI Generative Prompt Engineering, AI-powered image synthesis (DALL·E), AWS Architecture, Cloud Console, Compute Engine, Cryptocurrency Mining Operations, CSS, Data Analysis, DevOps, Docker, Figma Designs, Firewalls, Front-end Designs, Git, GitHub, Google Cloud Platform (GCP), Hardware Maintenance, Hardware Troubleshooting, HTML, IP Addressing, Linux, MacOS Troubleshooting, Managing Support Tickets, Monitoring Hash Rates, Monitoring Tools, Networking, Optimizing Miner Performance, Process Efficiency Supervision, Professional Development, Python, React.js, SDLC, Software Maintenance and Installations, TCP/IP Protocols, Technical Tasks Execution, Windows Troubleshooting.

## **REACH OUT**

### **Linked In**

<https://www.linkedin.com/in/krithik-guhan-535a1b249/>

### **Git Hub**

<https://github.com/kritz12>