# SUDHAKAR P

## CONTACT

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## SKILLS

AWS

Devops

Linux

Networking - Basics

Python - Basics

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## EDUCATION

**BSC - Computer Science**

2020 - 2023

Karpagam Academy of Higher Education

CGPA - 7.46

**HSC - 12TH**

2019-2020

Govt.Hr.Sec.School

PERCENTAGE - 52%

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## LANGUAGES

Tamil

English

## PROFILE SUMMARY

Highly motivated and detail-oriented fresher with foundational skills in AWS, Linux, and DevOps. Seeking an entry-level position to leverage my technical knowledge in cloud infrastructure management, system administration, and CI/CD automation. Eager to contribute to a dynamic team, enhance operational efficiency, and support innovative IT projects while pursuing continuous professional growth.

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## KEY SKILLS

- Knowledge of AWS cloud computing services like EC2, S3, RDS, IAM, CloudTrail, CloudWatch, , Route 53, and Lambda.
- Experience in designing and implementing fault-tolerant, scalable, and secure solutions on AWS.
- Ability to architect, deploy and manage complex cloud-based solutions using AWS services.
- Proficient in programming languages such as Python.
- Strong understanding of networking concepts and protocols such as TCP/IP, DNS, HTTP, and SSL.
- Familiarity with DevOps tools like Jenkins, Git, Docker, and Kubernetes,.
- Excellent analytical and problem-solving skills.
- Strong communication and interpersonal skills.
- Ability to work independently and in a team-oriented environment .

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## PROJECTS

**Projects - 1**

**Bastion Host**

Deployed an AWS Bastion Host within a VPC to manage secure SSH access to private instances. Configured security groups to allow SSH access only from trusted IP addresses. Set up the Bastion Host in a public subnet, with private instances in private subnets, ensuring controlled and secure access. Enhanced security by restricting inbound traffic to essential ports and instances only.

**Projects - 2**

**Host Static Website**

Implemented a static website solution by utilizing Amazon S3 for file storage and Amazon EC2 as the web server. Stored static content such as HTML, CSS, and JavaScript files in S3. Configured the EC2 instance to fetch and serve these files to users. Ensured efficient content delivery with secure access between EC2 and S3, providing a reliable and scalable web hosting solution.

**Projects - 3**

**Clone  Netflix Management System**

Developed a clone of Netflix's management system by integrating GitHub for version control, Jenkins for continuous integration and delivery, Docker for containerization, and Kubernetes for orchestration. Set up GitHub repositories for source code management, configured Jenkins pipelines for automated builds and deployments, and created Docker images for application components. Deployed and managed the application on Kubernetes, ensuring scalable and reliable operations with automated scaling and rolling updates. Achieved a robust, end-to-end CI/CD pipeline and containerized application deployment.