



MOHAN KUMAR

DEVOPS ENGINEER

My Contact

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Soft Skill

- Observation
- Decision making
- Communication
- Multi-tasking

Education Background

- **B.E (Computer Science Engineering) 2019 - 2023**
Adhiyamaan College of Engineering,
Hosur.
CGPA – 8.2
- **HSC | 2018 - 2019**
Sri Bharathi Vidyalaya Matric Hr. Sec. school
Hosur.
55.8 %
- **SSLC | 2016 - 2017**
Sri Bharathi Vidyalaya Matric Hr. Sec. school
Hosur.
89.8 %

Certification

- cloud course on ictacademy.
skillsnetwork.site powered by IBM Developer
Skills Network issued by ICT Academy.
(Jan,2023).
- RPN based project published in Journal of
Emerging Technologies and Innovative
Research(JETIR).
- DevOps and AWS courses were completed
in milestone software technologies.

Objectives

Dedicated and detail-oriented Eager to apply academic knowledge and hands on experience in automation CI/CD cloud computing to contribute innovative solution within a team environment.

Core Competencies

- Operating system: Red Hat & Ubuntu Linux
- Application Servers: Tomcat
- Web Servers: Apache
- Version Tools: GIT Build Tools: Maven
- Scripts: Bash, Python
- Continuous Integration: Jenkins
- Containerization: Docker, Container Registries (Docker Hub)
- Orchestration: Kubernetes
- Cloud Platforms: AWS (Amazon Web Services)
- Problem-solving and Analytical Skills

Project

Kubernetes Cluster Setup on AWS Description: Set up and configured a Kubernetes cluster on AWS, managing containerized applications. Implemented load balancing and scaling strategies.

- Tools/Technologies: Kubernetes, AWS
- Results/Achievements: Achieved high availability with zero downtime

Regional proposal network based posture detection system to prevent hunched poster posture syndrome:

- Millions of people across the globe are suffering from back pain. The main reason behind is bad posture of back which will become hunchback later. This software being developed and installed in CCTV cameras is reliable and user friendly. We are developing Region Proposal Network (RPN) and Convolutional Neural Network (CNN) with this project to detect the objects to identify the bad postures.

Inventory management system for retailers:

- Retail inventory management is the process of ensuring you carry merchandise that shoppers want, with neither too little nor too much on hand. By managing inventory, retailers meet customer demand without running out of stock or carrying excess supply.