



Ramavath Santhosh

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EXPERIENCE

•AMDOCS

June 2025 – Present

Associate Software Engineer

Pune, India

- Hands-on with **Kubernetes, Docker, Jenkins, GitLab, Linux, Shell Scripting, Python, Kafka, Nexus, Bitbucket, CI/CD, and automation scripting.**
- Automated Kubernetes cluster setup, environment validations, secret management, and configuration deployments.
- Performed component upgrades (Kafka, Redis, Docker, kubect1) and renewed SSL certificates for Jenkins and Nexus.
- Led Kafka major upgrade and ZooKeeper → KRaft migration: Configured KRaft controllers/brokers, upgraded CRDs, validated compatibility, monitored cluster stability, and executed the migration in DEVE2E and Production environments.
- Built packages via automated GitLab–Jenkins CI/CD pipelines using predefined runners, handed them over to QA, and provided production support for any failures.
- Created internal documentation to standardize build, deployment, and validation procedures, and delivered presentations to stakeholders on key findings.

TECHNICAL SKILLS

DevOps Tools: Kubernetes, Docker, Jenkins, Gitlab, Linux, Kafka, CI/CD, Nexus, Bitbucket, Jira

Languages: C++, Python, SQL, Shell Scripting

Coursework: DSA, OOPs, DBMS, OS, CN, Web Technologies,

EDUCATION

•National Institute of Technology, Warangal

2022 – 2025

Master of Computer Application (MCA)

CGPA: 7.28

•Central University of Rajasthan

2019 – 2022

Bachelor of Science

CGPA: 7.52

PROJECTS

•Least Time Travel Path

Jul 2024

A web-based application for finding the least time path between cities using graph algorithms.

[Website Link](#)

- Tools & technologies used: HTML, CSS, JavaScript, Vis.js
 - Implemented Dijkstra's algorithm for finding the least time path with bus and flight options.
 - Utilized Vis.js for dynamic graph visualization and created a responsive, user-friendly interface.
 - Added features for dynamic graph generation, travel time display, and path solution.

•Campus Facility Management System

May 2023

Developed a comprehensive web-based platform for managing hostel-related complaints.

[GitHub Repo](#)

- Tools & technologies used: HTML, CSS, Javascript, PHPMyAdmin(MySQL)
 - It Improves the process of handling hostel-related complaints, such as plumbing, electrical, and maintenance issues, within a university setting
 - Improved efficiency and responsiveness in handling student complaints and service requests.
 - Utilized responsive design to ensure compatibility across all devices. [Video](#)

CERTIFICATIONS

Udemy: Docker & Kubernetes(Hands-On), and GenAI

AWS: Technical Essentials Cloud Practitioner (Foundational)