

# Yuvaraj S

DevOpster | Front-end developer | Programmer

📍 Chennai

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🐙 [github.com/YUVARAJ-2K3](https://github.com/YUVARAJ-2K3)

📄 [portfolioyuva.netlify.app](https://portfolioyuva.netlify.app)

Enthusiastic and detail-oriented programmer with knowledge in C, Python, Ansible, Grafana, Prometheus, and Web Development. Passionate about automation, monitoring, and frontend development, with hands-on experience in configuring infrastructure as code, setting up performance monitoring, and building user-friendly web interfaces. Strong problem-solving skills and a keen interest in DevOps, front-end development, and programming. Also I am a very good fast learner to learn new things and improve myself.

## EDUCATION

<b>Secondary School Leaving Certificate</b> Srimathi Lakshmiammal Memorial Matric.Hr.Sec.School,Chennai	2018-2019
<b>Diploma in Mechanical Engineering</b> Central Polytechnic College, Chennai	2019-2023
<b>Bachelor of Engineering in Computer Science</b> Sri Sairam Engineering College	2023-2026

## SKILLS

<b>DevOps &amp; Monitoring Tools:</b> Ansible, Jenkins, Prometheus, Grafana, ELK Stack	<b>Languages:</b> Python, JavaScript, Shell Scripting
<b>Cloud &amp; Containerization:</b> Docker, Kubernetes, Podman, AWS	<b>Web Technologies:</b> HTML, CSS, React JS
<b>Operating Systems:</b> RHEL, Linux	<b>UI/UX Design:</b> Wireframing, Prototyping, User Research
	<b>Tools:</b> Git, VS Code, Figma

## CERTIFICATION

<b>Red Hat Certified System Administrator</b> Certification-id:240-121-111	11-06-2024
<b>Red Hat Certified Engineer</b> Certification-id:240-102-111	24-10-2024
<b>Red Hat Certified Container Specialist</b> Certification-id:240-102-111	30-06-2025
<b>Full Stack Web Development Certified by Fluzen Technologies</b> Certification-id:ZSJY0482	12-09-2024

## PROJECTS

<b>Fire Safety System</b> Developed an Automatic fire detection and suppression model using Arduino UNO, sensors like smoke, sound and temperature. Suppressed fire using IHP water pump.
<b>Ultrasound nerve segmentation using AIML</b> Developed a deep learning model using the nnU-Net framework to automatically segment nerve structures in ultrasound images, improving accuracy and consistency in medical image analysis.
<b>Node Monitoring Visualization</b> Deployed Prometheus as the primary tool for comprehensive node monitoring, combined with Grafana dashboards to deliver actionable data visualizations. Configured alerts for node usage exceeding limits via email and Slack
<b>CI/CD Pipeline with Jenkins, Docker &amp; AWS</b> Built an automated CI/CD pipeline using GitHub, Jenkins, SonarQube, and Docker. Deployed a web application on AWS EC2 instances with real-time code integration, containerization, and static code analysis for enhanced quality, scalability, and reliability.

## INTERNSHIPS

<b>Technical Support Engineer   Vectra Technosoft Pvt Ltd</b>	Jan 2025 - Feb 2025
<b>UI/UX Intern   Internpe</b>	Jan 2025 - Feb 2025
<b>Linux System Administrator   Vectra Technosoft Pvt Ltd</b>	April 2024 - May 2024
<b>Internship Trainee   Breaks India Limited</b>	Jun 2022 - Dec 2022
<b>Internship Trainee   Wheels India Limited</b>	May 2021 - Jan 2022