

# LOKESWARAN R

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Portfolio: <https://trojanx.in/loki>

## PROFESSIONAL SUMMARY

DevOps-focused Full Stack Developer with 1+ year of hands-on experience. Experienced in CI/CD pipelines, Docker-based deployments, Linux environments, and cloud fundamentals. Proficient in AWS, GitHub, Python scripting, SQL, and Git, with a strong interest in automation, high availability, and efficient software delivery.

## WORK EXPERIENCE

### Associate Tech Lead - PRISTONIX Technologies

Chennai, India | Mar 2025 - Present

- Developed tools using Python to streamline development operations and automate publishing workflows and maintained full stack applications using React, Node.js and Postgres DB.
- Assisted in application testing, debugging, and deployment support activities.
- Worked with CI/CD pipelines and version control using Git.

### Freelance Developer - Trojanx Solutions

Chennai, India

- Leading the development of scalable web applications using React, Node.js, and AWS, delivering high-performance solutions for clients.
- Designing and implementing RESTful APIs, database schemas, and cloud-based infrastructure for robust application architecture.
- Mentoring junior developers, enforcing coding standards, and promoting best practices across projects.

## ACADEMIC HISTORY

### SRM TRP Engineering College, Tiruchirappalli.

7.97 CGPA | Anna University - 2024

Bachelor of Engineering(Computer Science and Engineering)

### Sri Shanmuka Matriculation Higher Secondary School, Mannargudi.

HSC I Computer Science

64.3% I State Board - 2020

### Sri Bharathidasan Matriculation Higher Secondary School, Mannargudi.

SSLC

71.2% I State Board - 2018

## PROJECTS

### **HeadCount AI – Smart Occupancy Monitoring | 2025.**

An intelligent real-time people-counting and occupancy monitoring system built using Computer Vision. It leverages the YOLOv8m deep learning model to accurately detect humans while filtering out false positives.

### **Automated EPUB Processing System | 2025.**

Developed a Python tool to streamline EPUB content management, enabling intelligent cross-referencing, contextual linking, and note integration, improving content accessibility and navigation.

### **Intelligent Agriculture to Predict Farmers Interest | 2024.**

Farmers can get recommendations for crop and fertilizer and even predictions for crop, yield and rainfall. All these are implemented using Machine Learning (ML) with proper dataset.

### **Railway Track Crack Detection System | 2023.**

Developed a web-based dashboard for real-time monitoring, alert management, and historical analysis of railway track crack detection data. Designed backend APIs to ingest IoT sensor data, implemented data storage and analytics, and built a responsive UI for system monitoring and reporting.

## TECHNICAL SKILLS

**Frontend:** HTML5, CSS3, JavaScript, React.js

**Backend & Programming:** Python, PHP, Java, Node.js

**Databases:** MySQL, Oracle

**DevOps & Tools:** Git, CI/CD (Jenkins, GitHub Actions), Docker basics, AWS, Postman

**API & Integration:** REST APIs

**Methodologies & Collaboration:** Agile, Figma, cross-functional team collaboration

**Other Skills:** Troubleshooting, deployment support, monitoring applications, process automation

## CERTIFICATIONS

### **JAVA FULL-STACK DEVELOPMENT | Aug 2024-Jan 2025.**

Greens Technology, CHENNAI.

### **FIGMA INTENSIPHI | 2024.**

T4TEQ Software Solution, TIRUCHIRAPPALLI.

### **PYTHON PROGRAMMING | Feb 2024-Jun 2024.**

T4TEQ Software Solution, TIRUCHIRAPPALLI.

### **ChatGPT Fundamentals | 2023**

GUVI, CHENNAI.

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