

# KUMHARPARASHKUMARI

## Junior Devops Engineer

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## EXPERIENCE

### Devops Engineer

Scaleorange Technologies pvt ltd

📅 07/2024 - Present 📍 Hyderabad, India

Tech-driven innovation and transformation

- **E-commerce Personalization:** Designed and developed a personalized e-commerce application to enhance customer ordering experience.
- **Food Catering App:** Led database design, backend development, and end-to-end deployment using Jenkins CI/CD pipelines and Docker.
- **CI/CD Expertise:** Implemented automated build, test, and deployment workflows with Jenkins and Docker.
- **Cloud Monitoring:** Utilized Grafana and Prometheus to monitor and provide alerts for RAM usage, inbound/outbound bandwidth, and abnormal port activities.
- **DevOps Proficiency:** Demonstrated skills in infrastructure setup, monitoring, and performance optimization for cloud-hosted applications.

### Deep Learning Intern

NIT Warangal

📅 05/2024 - 06/2024 📍 Warangal, India

National Institute of Technology

- **Innovative Approach:** The project proposes an advanced fingerprint forgery detection system combining spatial and noise domain features using EfficientNet, Learnable Spatial Rich Model (SRM), Dual Feature Fusion Module (DFFM), and Local Enhancement Attention Module (LEAM).
- **Enhanced Feature Fusion:** The Dual Feature Fusion Module (DFFM) integrates spatial and noise features, improving the model's ability to distinguish between genuine and forged fingerprints by providing a comprehensive representation.
- **Local Attention Mechanisms:** The Local Enhancement Attention Module (LEAM) employs Bi-Level Routing Attention to focus on critical fingerprint regions, enhancing local feature representation and improving detection precision.
- **High Accuracy Results:** The proposed model achieved significant detection accuracy, with SVM reaching 96.88% and Random Forest achieving 98.44%, outperforming traditional methods.
- **Future Work:** The project emphasizes expanding datasets, refining attention mechanisms, and optimizing real-time implementation for practical deployment, aiming to enhance the reliability of biometric security systems further.

### Jiganasa Internship

S2tech

📅 06/2022 - 08/2022 📍 Remote

Innovative IT solutions and services.

- Developed skills in English speaking, writing, public speaking,

## LANGUAGES

- English Proficient
- Hindi Native
- Telugu Native

## TECH SKILLS

### Full Stack Development (MERN)

- **Frontend:** HTML, CSS, JavaScript, React.js
- **Backend:** Node.js, Express.js
- **Database:** MongoDB
- **Other:** RESTful APIs, JWT Authentication, GoogleAuth2.0

### Artificial Intelligence / Machine Learning

- **Languages & Tools:** Python, NumPy, Pandas, Scikit-learn, Matplotlib, (TensorFlow/Keras if used)
- **Machine Learning Concepts:** Supervised & Unsupervised Learning, Data Preprocessing, Model Training & Evaluation
- **Deep Learning:**  
**Core Concepts:** Perceptron, CNN (Convolutional Neural Networks), RNN (Recurrent Neural Networks)  
**Hands-on:** Built models for biometric feature extraction and classification
- **Projects/Experience:**  
**AI/ML Internship** - Developed a Deep Learning model using a **fingerprint dataset** for biometric identification/spoof detection (modify this based on your exact project)  
Applied CNN for pattern recognition in fingerprint images  
Performed preprocessing, segmentation, and feature extraction on fingerprint images

### Programming Languages

- C (strong knowledge)
- C++ (basic understanding)
- Python
- Java
- JavaScript

### Web Technologies

- HTML5, CSS3
- React.js
- Node.js, Express.js
- REST APIs

YouTube editing, and cross-cultural analysis through the S2Tech Jignasa Internship.

- Participated in training programs on effective habits, personal development, and cultural awareness.
- Completed a final project involving writing an article and creating a YouTube video on a prominent person.

## EDUCATION

- **Btech Computer Science & Engineering 9.0 cgpa**

Rajiv Gandhi University of Knowledge Technologies

📅 2021 - 2025

- **PUC (pre-University Course) 9.7 cgpa**

Rajiv Gandhi University of Knowledge Technologies

📅 2019 - 2021

- **10th Standarad 10 gpa**

Batchu Foundation

📅 2018 - 2019

## SUMMARY

- DevOps professional with over 1 year of experience in software development and DevOps engineering, expert in continuous integration/continuous
- deployment (CI/CD) and cloud infrastructure. Key achievements include successfully implementing CI/CD pipelines that accelerated the deployment process by 40% and optimizing cloud resource management to reduce costs by 30%. Also Always ready to learn new things and contribute in ai/ml field too.

### Database Systems

- MongoDB (NoSQL)
- MySQL / SQL (from DBMS knowledge)
- Postgresql
- Mongoddb
- Sqlite
- Migration

### DevOps & Monitoring Tools

- **Grafana**: Used for visualizing real-time metrics and setting up monitoring dashboards
- **Prometheus**: Integrated for time-series data monitoring, alerting, and scraping application metrics
- **Certbot (Let's Encrypt)**: Automated **SSL/TLS certificate generation and renewal** to enable HTTPS for web applications

### DevOps & Automation

- Jenkins (CI/CD Pipeline Automation)
- Docker (Containerization)
- DockerHub
- Virtual Machines (VMs / VirtualBox / VMware, etc.)

### Cross-Platform & Hybrid App Development

- **Electron.js** (Desktop apps with web technologies)
- **Capacitor.js** (Hybrid mobile apps with web stack)

### Computer Science Fundamentals

- Data Structures & Algorithms (DSA)
- Object-Oriented Programming (OOP)
- Database Management Systems (DBMS)
- Operating Systems (basic understanding)

### Tools & Platforms

- Git & GitHub
- Postman (API testing)
- VS Code / IntelliJ / Eclipse
- Linux/Unix basics