SONU RAJ

AI/ML Intern | DevOps Intern

# Contact

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# Profile

A highly motivated and curious B.Tech Computer Science Engineering student with a strong passion for Artificial Intelligence, Machine Learning, and DevOps. Committed to continuous learning and innovation, with hands-on experience in Python, machine learning algorithms, data analysis, and cloud technologies. Solid foundation in programming, data structures, and mathematics. Eager to contribute to AI/ML, DevOps, and full-stack projects.

# Skills & Expertise

Python, C, C++, Java  
MySQL, MongoDB  
HTML, CSS, JavaScript  
Docker, Jenkins, Kubernetes  
Node.js, Flask  
Data Analysis, Machine Learning, Deep Learning  
Problem Solving, Logical Thinking  
Oral and Written Communication

# Education

B.Tech in Computer Science Engineering  
Vivekananda Global University, Jaipur (2022 – Present)  
CGPA: 9.09  
- Participated in multiple hackathons  
- Deans List for academic excellence  
Senior Secondary (Class 12)  
Aklank Public School, Kota (2021) – 86.6% (CBSE)  
Secondary (Class 10)  
Notre Dame Public School, Bettiah (2019) – 91.4% (CBSE)  
- National-level chess competition participant

# Experience

DevOps Intern  
LinuxWorld Informatics Pvt Ltd (June 2024 – Present, Remote)  
- Designed and implemented CI/CD pipelines using Jenkins  
- Containerized applications using Docker  
- Orchestrated deployments with Kubernetes  
- Collaborated with development teams to streamline processes

# Projects

Docker CI/CD using Jenkins  
- Simple webpage deployed inside a Docker container using Jenkins CI/CD pipeline  
- Automated build and deployment pipeline using Jenkins  
- Dockerized environment for consistent deployments  
- Webpage updates trigger CI/CD pipeline automatically  
  
Dockerfile Project  
- Build and run apps using Dockerfile; image creation and container deployment  
- Created custom Dockerfiles for multiple applications  
- Learned best practices for image optimization and security  
- Deployed containers on local and cloud environments  
  
Loan Approval Prediction Web App  
- Built using Flask, Random Forest, and joblib with real-time user inference and preprocessing  
- End-to-end ML pipeline: data preprocessing, model training, and deployment  
- Interactive web interface for real-time loan approval predictions  
- Integrated joblib for efficient model serialization and inference

# Certifications

Get Started with Python (Google)  
Full-Stack Web Developer (Intro)  
Excel Basics for Data Analysis (Microsoft)  
Data Analytics, OS & You: Becoming a Power User

# Languages

English (Fluent)  
Hindi (Fluent)