

SUMMARY

Highly skilled Cloud DevOps Engineer with hands-on experience in AWS, Docker, Kubernetes, and Linux. Proficient in Python, SQL, and MySQL, with a strong foundation in Data Science and Machine Learning. Adept at optimizing deployment processes, managing cloud infrastructure, and automating workflows. Experienced in building and maintaining scalable systems, with a focus on delivering efficient and reliable solutions. Passionate about leveraging technology to solve complex problems and drive continuous improvement in software development practices.

EDUCATION

Degree	Institute	Board / University	CGPA/Percentage	Year
B.Tech ECE	Sanjivani College of Engineering,Kopargaon	SPPU	7.82	2020-2024
Senior Secondary	Nathaji Patil Jr.College Babhaleshwar	Pune	63.08%	2020
SSC	Belapur Company Highschool Harigaon	Pune	76.80%	2018

EXPERIENCE

- **SRW Softwares**

Feb 2024 - May 2024

Software Engineer Intern

Loni, India

– Containerized apps with Docker and optimized deployment.

– Managed Linux servers and automated tasks.
- **Sanjivani College Of Engineering**

July 2023 - Jan 2024

Data Science Trainee

Kopargaon, India

– Worked on Python libraries (Pandas, NumPy) for data analysis and predictive modeling, including weather data and admission recommendations.

– Developed models using Decision Trees and created a user-friendly interface for admissions and farm productivity.

PROJECTS

- **Agrianalyst: Agriculture Decision Support System**

College Level

– Utilized Python libraries such as Pandas and NumPy to process and analyze large datasets from diverse sources, including weather data, enhancing the accuracy of predictive analytics.

– Designed algorithms and integrated machine learning models to provide actionable recommendations for optimal resource allocation, crop planning, and pest control, resulting in increased farm productivity and sustainability.
- **Scalable Two-Tier Application Deployment on AWS EKS**

Personal

– Successfully deployed a high-availability, two-tier Flask and MySQL application on AWS EKS to support 10,000 concurrent users. Containerized the application with Docker and managed images on DockerHub, automated Kubernetes cluster setup with Kubeadm, and integrated AWS EKS using eksctl. Packaged Kubernetes manifests using HELM and configured a Load Balancer for multi-node support, achieving a 60 percent reduction in downtime and enhanced fault tolerance.

TECHNICAL SKILLS

- **Programming Languages:** Python, SQL
- **Scripting:** Shell Scripting(Linux)
- **DevOps Tools And CI/CD Pipelines:** Docker,Kubernetes,Jenkins,Helm,
- **Version Control:** Git, GitHub
- **Cloud:** AWS
- **Data Science:** Data Analysis, Machine Learning, LLM
- **ML Frameworks:** TensorFlow, PyTorch, Scikit-learn
- **Databases:** MySQL

CERTIFICATIONS

- **Completed the B-Tech Honors degree in Data Science** Sanjivani College Of Engineering
- **AWS Academy Graduate - AWS Academy Cloud Foundations** AWS
- **SQL for Data Science** Coursera

ACHIEVEMENTS

- **Achievement 1,** Published Research Paper (MUSICAL THERAPY FOR MENTAL HEALTH)

2023
- **Achievement 2,**Published Research Paper (Agrianalyst: Crop Recommendation System Using ML)

2024