

Shivansh Kumar

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EDUCATION

A N COLLEGE PATNA

BACHELOR OF COMPUTER APPLICATION

2018-2021 | Patna, India

Current Per : 76 %

LINKS

Github:// [Shivansh5](#)

LinkedIn:// [Shivansh5](#)

COURSEWORK

UNDERGRADUATE

- Computer Networks
- DBMS
- Operating Systems
- Data Structure
- Algorithm

TECHNICAL SKILLS

- MLOps
- Deep learning
- Computer Vision
- DevOps
- Flutter

LANGUAGES

- Python
- Java
- C++
- SQL

TECHSTACKS

- AWS
- Docker
- Kubernetes
- Git
- Jenkins
- GitHub CI/CD
- Heroku
- Mysql

OPERATING SYSTEM

- Linux
- Windows

EXPERIENCE

LINUXWORLD INFORMATICS PVT LTD | MLOPS INTERN

Dec 2020 – Present | Jaipur, India

- Design an ML production system end-to-end: project scoping, data needs, modeling strategies, and deployment requirements.
- Establish a model baseline, address concept drift, and prototype how to develop, deploy, and continuously improve a productionized ML application.
- Build data pipelines by gathering, cleaning, and validating datasets.
- Deployment and maintenance of ML models using Kubernetes.
- Deep learning : Neural Networks , CNN, RNN , LSTM , Compose Models in Keras , Saving and Loading a model with Keras.
- Computer Vision using NN , Text Data Processing , Image / Video processing

PROJECTS

GITOPS CI/CD ON K8S

- Provision HA Cluster of K8s on Type-2 Hypervisor.
- Configure Helm Package Manager.
- Design GitOps CI/CD using Github Action.
- Multi-arch build of Artifact and pushed to Dockerhub.
- Zero-downtime Deployment with helm chart.

[Code]

SBI LOAN PREDICTOR

- Develop ML model for loan prediction.
- Model is trained using Random Forest Classification.
- Develop Flask webapp using Gunicorn server.
- Deployed on Heroku Cloud using Github Action.

[Demo] | [Code]

FAKE NEWS DETECTION

- Develop NLP based model for fake news detection.
- Feature Extraction with TF-IDF.
- Model training with Classification Algorithm.
- Develop Flask webapp using Gunicorn server.
- Deployed on Heroku Cloud using Github Action.

[Demo] | [Code]

VOLUNTARY MENTOR EXPERIENCE

- Indian Innovation & Entrepreneurship Community Technical Assistant
- LinuxWorld Informatics Pvt. Ltd. Technical Assistant