

SANKALP CHAWLA



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Technically equipped and goal-oriented IT Professional with 4 years of experience; targeting assignments in Application Development with an organization of high repute.

PROFILE SUMMARY

- Achievement-driven professional offering experience in **Software Development Lifecycle Management, Project Management & Execution and Data Science**
- Proficient in **Python, AngularJS, ReactJS, Flask, Django**
- **Capabilities in using Machine Learning and Artificial Intelligence** algorithms; knowledge in development of **Deep learning Networks**
- Gained insightful experience in managing **full stack development** activities while meeting client expectations; proficient in **designing dynamic web applications**
- Skilled in **developing User Interface** by mapping requirements from client and delivering solutions
- Skilled in **analysing data, applying statistical & data mining techniques**, trend analysis and predictive analytics using acquired data
- Experience with **data manipulation**, analysis, reporting and **data visualization**
- Developed **advanced statistical and AI / Machine Learning models** for large-scale, high-dimensional data using algorithms Artificial Neural Networks, Deep Neural Networks
- Proficient in **continuously evolving technology**, communicating data findings to management in order to help organization meet business challenges
- **Excellence in managing all processes**; defining project delivery standards while ensuring adherence to project management procedures while managing the SLA's
- Focused & goal-driven professional with **strong work ethics & commitment** to offer quality work

KEY SKILLS

~ Data Science & Analytics

~ Full-stack Development

~ Deep Learning

~ AI & ML

~ Application Development Lifecycle

~ Requirement Gathering

~ Data Analysis & Modelling

~ Client Relationship Management

~ Team Contribution

EDUCATION

- **B.Tech. (Computer Science)** from The NorthCap University (Formerly ITM University), Gurugram in 2017

CERTIFICATIONS

- **Applied Machine Learning Course** in 2020
<https://www.appliedaicourse.com/certificate/32721e0594>

TECHNICAL SKILLS

Data Science: Machine Learning, Deep Learning, Data Analysis, Talend

Programming: Python

Web Development: AngularJS, ReactJS, Flask, Django

Stack Development: Docker, Jenkins, GIT, MySQL, OpenLDAP

Lifecycle Management: Agile, JIRA, Confluence

Operating Systems: Linux Distributions, Windows

PERSONAL PROJECT

Title: Reducing Commercial Aviation Fatalities

Period: Aug'20-Sep'20

Responsibilities:

- Worked on project related to Machine Learning problem based on a kaggle competition and a research paper
- Performed EDA, hyperparameter tuning and feature engineering; designed multi-class classification model

M <https://tinyurl.com/y3wz2uwj>

WORK EXPERIENCE

Since Mar'21 with Neotas, New Delhi as Software Developer

Role:

- Participating in the design and creation of scalable software

Projects Undertaken:

Title: ORCA

Period: Mar'21

Responsibilities:

- Developing backend using FastAPI in python.
- Integrating AWS Cognito with Kibana running on AWS Elasticsearch Service.

Since Apr'17 with Orange Business Services, Gurugram as Software Developer

Role:

- Executing complete Application Development Lifecycle with focus on Requirement Gathering, Development, Deployment and Detailed Design; ensuring timely completion and delivery of project to the client; extending support for applications
- Mapping requirements & providing best solutions involving evaluation & definition of scope, budget & resources of projects; leading projects from inception to implementation to streamline business processes
- Proficient in both front and back-end coding; designing user interactions on websites, developing servers and databases for website functionality
- Writing clean, functional code on the front- and back-end as well as testing and fixing bugs or other coding issues
- Collaborating with clients and other stakeholders to effectively integrate and communicate analysis findings as well as to execute data science activities
- Evaluating emerging technologies that may contribute to product specifications

Projects Undertaken:

Title: Image Manipulation Detection using Deep Learning

Period: Jul'20-Oct'20

Responsibilities:

- Pitched the idea of image/document manipulation as proof of concept based on IEEE challenge and research papers to AI vertical of Orange Business Services
- Performed EDA and experimented with multiple deep neural network models on different architectures
- Built image classification, tampered region mask prediction models and integrated them in pipeline

M <https://tinyurl.com/y48h38yv>

Title: FT4CS

Period: Since Jan'20

Responsibilities:

- Working as Full Stack Developer and building web portal for reporting data obtained from physical communication devices across the world
- Developing GUI using AngularJS and API services using Python, Flask, SQL Alchemy and mariadb; integrating GUI with services and Django as well as deploying services using nginx and GUI using gunicorn
- Automating deployment process using Jenkins, GIT and Docker

Title: NGIR

Period: Jul'18-Jan'20

Responsibilities:

- Worked as Front-end Developer and OpenLDAP Administrator on NGIR to generate & manage FTID of all employees of Orange Business Services
- Developed GUI using ReactJS and integrated it with services
- Designed & implemented the directory tree, security policy and backup policy in OpenLDAP Master - Slave configuration for identity management

Title: IDW

Period: Apr'17-Jun'18

Responsibilities:

- Worked as Talend and MySQL Developer in Integrated Data warehouse which involves ETL (Extract, Transform, Load) data received from various data warehouses in the form of CSV to provide business insights
- Developed POC to replace existing technologies to deliver faster experience using Hadoop, Hive, and Ambari

PERSONAL DETAILS

Date of Birth: 3rd November 1994 | **Languages Known:** English and Hindi | **Address:** 1384/23A, Gurugram