



MITESH KAPIL

MY CONTACT

✉ miteshkapol@gmail.com

☎ 9671725986

🌐 LinkedIn/miteshkapil

TECHNICAL SKILLS

- Python , Java , C++
- DBMS
- Artificial Intelligence
- Machine Learning
- Data Science
- Deep Learning
- AWS , AZURE
- OOPS
- Excel
- GIT
- Software Engineering & Project Management

SOFT SKILLS

- Critical Thinking
- Problem-Solving
- Team Collaboration
- Continuous Learning
- Adaptability
- Ethical Decision-Making

CERTIFICATIONS/ACHIEVEMENTS

- Udemy | Open AI python Bootcamp
- Udemy | Python for Data science Bootcamp
- Hackathon- KAVATCH, FLIPKART GRID 4.0
- AWS Academy Cloud Essentials Completion Certification
- AWS Cloud Practitioner Training Udemy Certification
- AWS Academy Machine Learning

EDUCATION BACKGROUND

- The Northcap University, Gurugram
B.Tech Computer Science
CGPA : 7.83
2020 - 2024

- The Bal Bharti School, Bahadurgarh
12th
89%
Completed in 2020

EXECUTIVE SUMMARY

Passionate and results-oriented professional with a strong interest in AI, data science, and machine learning. Proven track record of leveraging analytical skills to develop and deploy impactful solutions. Adept at collaborating with cross-functional teams to drive innovation and achieve business objectives. Eager to contribute expertise to cutting-edge projects in the evolving landscape of AI and data science.

PROFESSIONAL EXPERIENCE

SOFTWARE ENGINEERING INTERN // Volkswagen Group IT Solution July 2023 - Jan 2024

Project 1: Material Fault Analysis

- Developed expertise in NLP and deep learning, enhancing the Language Model (LLM) for effective question-answering tasks within car reports.
- Integrated computer vision techniques to address issues in car reports, showcasing problem-solving capabilities and improving overall project interactivity.

Project 2: Value Engineering

- Automated PDF parsing to streamline data processing, improving efficiency in extracting relevant information.
- Implemented advanced NLP and machine learning models (TF-IDF, Word2Vec) for predicting target story points, ensuring accuracy and quality control in client-generated PDF comparisons.

Project 3: Engine Barcode Verification

- Implemented a robust image processing pipeline, leveraging techniques like grayscale conversion and contour analysis for accurate engine barcode verification.
- Demonstrated proficiency in OCR technology using EasyOCR, successfully detecting and extracting numbers from engine images, ensuring reliable data extraction in the verification system.

DATA MINING INTERN // Make Me Builder (OPC) Pvt. Ltd., Gurugram Jun 2022 - Aug 2022

- Applied data mining techniques to extract valuable insights from large datasets, contributing to enhanced decision-making processes within the organization.
- Utilized advanced statistical and machine learning tools to identify patterns, trends, and correlations in data, optimizing data-driven strategies.
- Collaborated with cross-functional teams to develop and implement data mining solutions, demonstrating effective communication and teamwork in a professional setting.

PROJECT/REASEARCH PAPER

Research Paper:

- Published research paper on "Role of G20 – India Presidency in Data for Development."

Movie Sentiment Analysis:

- Developed a machine learning model for sentiment analysis in movie reviews.
- Applied NLP techniques, including tokenization and stop-word removal, using libraries like NLTK or spaCy.
- Experimented with diverse ML algorithms, fine-tuning for optimal sentiment classification accuracy.

Number Plate Detection:

- Implemented an efficient number plate detection system using Tesseract OCR for text extraction.
- Integrated image processing techniques to enhance quality and clarity of number plate regions.
- Fine-tuned Tesseract parameters for improved performance in varying environmental conditions.

Voice Assistant:

- Utilized Speech Recognition, NLTK, and pytsx3 libraries for voice assistant development.
- Applied ML techniques for speech recognition, text-to-speech conversion, and intent classification.
- Developed a user-friendly GUI for enhanced interaction.