

# VARUN GUPTA

## MLOPS

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### SUMMARY

Aspiring MLOps enthusiast with 1 year of experience building production-grade ML pipelines using PySpark, MLflow, and Databricks. Skilled at automating model lifecycle workflows with cloud-native MLOps, including data transformation, feature engineering, model versioning, and deployment. Quick learner passionate about creating scalable, reproducible systems to solve real-world problems.

### PROFESSIONAL EXPERIENCE

#### COMPANY NAME

August 2023 - Present

- Built and deployed scalable backend services and automation tools using Python, FastAPI, Docker, and Selenium.
- Developed a Web Scrapers for Content Insights system to extract and categorize company-related data (tweets, LinkedIn posts, Glassdoor reviews) into actionable sentiment insights for candidates and employers.
- Delivered an Aadhar-PAN Detection API leveraging Computer Vision to automatically identify and sort ID documents during candidate onboarding, reducing manual effort by **80%**.

### EDUCATION

#### BCA BACHLOR OF COMPUTER APPLICATIONS

University: Chitkara University

CGPA: 8.75

### ADDITIONAL INFORMATION

#### LANGUAGES

English, Hindi

#### CERTIFICATIONS

Python, Data Science (Machine Learning), Azure Machine Learning,

### TECHNICAL SKILLS

**Languages:** Python

**MLOps:** MLflow, DVC, Azure Databricks, Azure ML

**Databases:** SQL (MySQL)

**Cloud:** Azure

**Containerization Tools:** Docker

**Machine Learning:** Regression, Classification, Clustering

**Computer Vision:** CNN, Classification, Detection, Tracking.

**Terraform Version Control:** Git, , GitHub, GitLab

**Web Frameworks/ REST API:** Flask, FastAPI

**Web-Scraping:** Selenium

### Interview Assistant:

#### **Technology: Python, OpenAI GPT-3.5, FastAPI, MongoDB**

- Engineered an AI-driven interview assistant using ChatGPT to conduct automated interviews, interact with candidates, and ask pertinent questions.
- Designed the system to assess candidates' responses against job requirements and analyze resumes for additional insights, ensuring thorough evaluations.
- Streamlined the interview process, saving recruiters' time and effectively identifying the most suitable candidates for the role.

### Intelligent Document Question-Answering System:

#### **Technology: Python, Hugging Face, Openai**

- Developed a question-answering search tool using Transformers and OpenAI Embeddings.
- Enabled users to ask questions and get accurate, real-time answers from document sets.
- Enhanced retrieval of specific details from large document collections

### AI-Monitoring System:

#### **Technology: Python, Flask, Machine Learning, Computer Vision, Java Script, MongoDB**

- Designed and implemented an advanced system for real-time tracking of employees or students.
- Automatically detects check-in status, monitors productivity, and captures idle time.
- Generates detailed reports to help employers and teachers make informed decisions for improved efficiency and performance management.

- Varun Gupta