



# Mohd Nafees

AI/ML Engineer | Sr. Software Engineer

## Contacts

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Location: Ahmedabad, Gujarat, India

## Skills

### Web Development

Python, Django, DRF  
FastAPI, Flask, React.js  
HTML, CSS, JS, AJAX  
REST APIs, Microservices

### Data Science

Pandas, NumPy, ML/DL  
Scikit-learn, TensorFlow, Keras  
LLM, NLP, GenAI, Agentic AI  
LangChain, LangGraph, VectorDB

### Tools & Platforms

AWS, S3, RDS, Redis, Celery  
Docker, Git, GitLab, GitHub  
MySQL, PostgreSQL, MongoDB  
Nginx, Stripe, Razorpay  
PayPal, Linkly, RabbitMQ

## Professional Highlights

**Web Frameworks & API Integration:** Expert in Django, DRF, Flask, FastAPI, and React.js for building scalable web applications and APIs, with perfection in designing and integrating RESTful APIs and third-party services.

**Data Manipulation & Visualization:** Skilled in leveraging Pandas and NumPy for skilled data processing and analysis, along with Matplotlib, Seaborn, and Plotly for insightful visualizations.

**AI/ML Engineer | ML/DL, LLM & GenAI Specialist:** Skilled in building and deploying models with Scikit-learn, TensorFlow, Keras. Experienced in NLP, LLM fine-tuning, and GenAI. Strong in feature engineering, tuning, and evaluation.

## Education

### Integrated Master of Computer Applications (IMCA)

Indus University, Ahmedabad (2017 - 2022)

**CGPA: 8.2/10**

### Senior Secondary (12th)

R.U.Inter College (U.P.) (2016)

**Percentage: 68.2%**

### Secondary (10th)

S.A.K.J. Intermediate College (U.P.) (2014)

**Percentage: 80.5%**

## Experience

### NeoSOFT Technologies private limited

Software Engineer — Jul 2024 - Present

AI/ML Full Stack Developer Engineered end-to-end AI/ML web applications by designing and training models for sales forecasting and real-time object detection using Python (pandas, numpy, scikit-learn, TensorFlow, Keras). Exposed inference endpoints via Django/FastAPI/Flask and built React.js dashboards for interactive data visualization. Automated data ingestion, preprocessing, feature engineering, and model-retraining pipelines to maintain accuracy and scalability.

### Savitriya Technologies private limited

Software Engineer — Sep 2023 - Jul 2024

Developed high-performance FastAPI + React.js applications, integrating RESTful APIs and automating workflows with Python scripts. Managed cloud servers end-to-end—provisioning, deployment, monitoring, performance tuning, and security hardening. Managed a cross-functional team: planned tasks, conducted code reviews, and mentored engineers. Delivered weekly stakeholder reports and

## Hobbies

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Reading  
Travelling  
Sports  
Cricket  
Chess

liaised with clients to define requirements, provide guidance, and ensure on-time delivery.

### Hyperlink Infosystem private limited

Software Engineer — Jan 2022 - Aug 2023

Worked as a Full Stack Developer using Django and Django REST Framework to build scalable web applications. Developed and integrated RESTful APIs for frontend-backend communication. Handled server-side logic, database design, and deployment on cloud servers with ongoing server management to ensure high performance and security. Liaised regularly with clients to gather requirements, provide technical guidance, deliver progress updates, and ensure final solutions met business objectives.

## Projects

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### AndLeap

**Description:** A sophisticated knowledge-sharing platform built to support teaching, mentoring, and global community engagement. It enables mentors to manage availability, offer bookable one-on-one sessions, and conduct custom Zoom video calls, while mentees can seamlessly schedule and join sessions across multiple time zones. Secure payments are integrated with Stripe and processed after successful session delivery. The platform fosters community interaction through blogs and shared experiences, while slot management dynamically aligns session scheduling with mentor availability. A role-specific architecture includes a super admin panel for full oversight, a community admin panel with subscription and engagement tools, a mentor panel for session and content management, and a mentee panel for personalized access. With its blogging features and global network, the platform connects users to diverse leaders for impactful mentorship experiences.

**Skills:** Python | Django | | REST API | MySQL | Stripe | S3 | Html/CSS/Javascript | AJAX | Git | GitLab

**Link:** [andleap.com](https://andleap.com)

### PureStora – E-commerce Platform

**Description:** A comprehensive e-commerce platform designed with scalable architecture and robust security to ensure a seamless customer and administrative experience. The system includes real-time cart management with AJAX, a secure multi-step checkout, and Razorpay integration for online payments. It supports multi-level location handling (country, state, city), customizable coupon management, and role-based authentication for secure access. Administrative features include configurable email templates, automated PDF invoice generation, newsletter subscription management, and CMS-based content control. A powerful super admin panel provides complete oversight with dedicated modules for efficient order tracking, product inventory management, and streamlined backend operations.

**Skills:** Python | Django | MySQL | Celery | Redis | Html/CSS/Javascript | AJAX | Razorpay | Git | GitHub

**Link:** [purestora.com](https://purestora.com)

### VPOS – Virtual POS System

**Description:** Built a POS system with async API handling and real-time communication via sockets. Integrated secure Linkly-based payment APIs into a React frontend. Implemented dynamic, downloadable invoices with search/filter by user, supporting cash, credit, and debit payments.

**Skills:** Python | FastApi | Python Scripting | React | Nginx | Html/CSS/Javascript | REST API | PyTest | Linkly Payment Gateway | Git | GitHub

## Demand Forecasting

**Description:** Conducted EDA and feature engineering to analyze sales trends, seasonal variations, and demand fluctuations. Identified key factors influencing sales performance and applied time series analysis, Decision Tree, Random Forest, ARIMA/SARIMA, and LSTM models to enhance forecasting accuracy. Optimized ML models through hyperparameter tuning and feature selection, enabling data-driven decision-making for improved inventory management and business planning.

**Skills:** Python | Pandas | NumPy | Matplotlib | Seaborn | Scikit-learn | TensorFlow | Keras | Machine Learning | DeepLearning | ARIMA/SARIMA | Time Series Forecasting | Sales Forecasting

## Customer Churn Prediction

**Description:** Built a deep learning model using TensorFlow and Keras to predict customer churn. Conducted EDA and feature engineering to identify key patterns. Used Adam optimizer, binary crossentropy loss, and accuracy metric with hyperparameter tuning to improve retention strategy.

**Skills:** Python | Pandas | NumPy | Matplotlib | Seaborn | Scikit-learn | TensorFlow | Keras | Machine Learning | Deep Learning | Prediction

## Object Detection & Counting System

**Description:** A computer vision pipeline designed to detect, classify, and count multiple objects in images using pre-trained deep learning models (YOLOv5). The system automatically records object counts by category (e.g., person: 3, car: 2), stores metadata such as image titles, detection details, and timestamps in a relational database, and provides an analysis dashboard for reviewing images, detected objects, and statistical summaries. With seamless database integration, the pipeline supports persistent storage, efficient querying, and reporting for further analysis.

**Skills:** Python | Machine Learning | Deep Learning | Django | MySQL | React | REST API | OpenCV | YOLOv5