

# ZEESHAN MODI

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## ABOUT

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Data Scientist and AI enthusiast specializing in machine learning, deep learning, and NLP. Proven track record of developing AI-driven solutions for cybersecurity, career recommendations, and text summarization. Proficient in Python, TensorFlow, Keras, and data science tools, with hands-on experience in building models that drive innovation and solve real-world challenges. Recognized for research contributions and a strong commitment to continuous learning.

## WORK EXPERIENCE

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### Data Scientist | Accenture | Forage (Remote)

November 2024

- Cleaned and prepared large datasets using Python and SQL for machine learning pipelines.
- Delivered actionable insights and presentations using data visualization tools.
- Collaborated on cross-functional teams to solve business challenges through data analytics.

### Data Visualisation | Tata | Forage (Remote)

December 2024

- Research and critical business like thinking with senior leaders to analyse data more effectively.
- Visuals to Communicate | To help executives with robust decision making.
- Presentation skills to senior leaders.

### CEO & Founder | Litends (India)

September 2023 – Present

- Built a tech company providing AI-driven solutions and web applications.
- Led the development of personalized tools for client-specific needs, improving project delivery by 25%.

### Android App Development | Teachnook | Training | (Remote)

July 2023 – September 2023

- Android applications development training with Dart and Flutter SDK.
- App development and Designing using Figma (Basics to Intermediate).

### Fundraising Assistant | Pawzz NGO (India)

December 2023 – January 2024

- Raised ₹700 to support stray animals through awareness campaigns and community events.
- Increased participation by 15% through targeted outreach.

## EDUCATION

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### B.E. in Computer Science and Engineering (Hons.) with (AIML) (IBM)

Chandigarh University, India (July 2021 – June 2025)

### Exchange Program in Computer Science

Bilkent University, Ankara, Turkey (January 2023 – June 2023)

## High School (Science-Mathematics)

Maulana Azad School, Jodhpur, India (2017 – 2021)

## KEY PROJECTS

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### Early Cybersecurity Threat Detection System

May 2024

- Built a machine learning model using TensorFlow and Scikit-learn to detect phishing URLs and spam.
- Used Pandas for data preprocessing and Matplotlib for visualizing threat patterns.
- Accepted at IEEE AISP for its innovative real-time threat detection capabilities.

### Amazon Fresh Sentiment Analysis

May 2023

- Applied BERT for classifying customer reviews on the Amazon Fresh dataset.
- Improved sentiment classification accuracy by optimizing preprocessing techniques.

### Personalized Career Pathway Recommendations

November 2024

- Designed an AI-driven system using BERT and Pandas to analyze resumes and market trends.
- Leveraged reinforcement learning to adapt recommendations based on user feedback.
- Accepted at ICAAICS-2024 for its relevance in career guidance solutions.

### Sports Match Summarization Model

November 2023

- Designed a model using Recurrent Neural Networks (RNN) and Long Short-Term Memory (LSTM) to summarize sports matches effectively.
- Developed the system to generate concise text-based summaries of matches, allowing users to gain key insights without watching full games or highlights.

## SKILLS

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- **Programming:** Python, SQL, MATLAB
- **Machine Learning:** TensorFlow, Keras, PyTorch, Scikit-learn
- **Data Science:** Pandas, NumPy, Matplotlib, Seaborn
- **NLP:** BERT, Named Entity Recognition (NER), Sentiment Analysis
- **Big Data:** Hadoop, Spark
- **Tools:** OpenCV, Jupyter, AWS, Git

## CERTIFICATIONS AND TRAINING

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- **Deep Learning Analytics** – Coursera
- **NLP on Google Cloud** – Coursera
- **Python for Everybody** – University of Michigan
- **Introduction to Psychology** – Yale University
- **SQL and Relational Databases 101** – IBM (skillsnetwork)

## HONOURS & AWARDS

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- **Academic Excellence Award** – Maulana Azad School
- **Merit-Based Scholarship** – Chandigarh University
- **Global Exchange Program Recognition** – Bilkent University

## LANGUAGES

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- **Hindi:** Native
- **English:** Proficient (C1)
- **Urdu:** Upper Intermediate (B2)
- **Turkish:** Intermediate (B1)
- **German:** Intermediate (B1)
- **Arabic:** Elementary (A1)

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I hereby agree and approve that all the information above is complete and correct.