

# KEDAR MADAN GURAV

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## SUMMARY

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Motivated Data Science fresher with a strong foundation in machine learning, statistical analysis, and programming using Python and SQL. Experienced in developing predictive models, analyzing complex datasets, and delivering actionable insights through hands-on projects. Eager to apply data-driven solutions to real-world challenges in an internship or entry-level role.

## EDUCATION

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**B.Tech in CSE (Data Science)** | Sep 2021 – Jun 2025  
KIT's College of Engineering, Kolhapur, Maharashtra | CGPA: **7.85/10**

**Higher Secondary School Certificate (HSC)** | Aug 2019 – Aug 2021  
Chate Jr. College, Kolhapur, Maharashtra | Percentage : **90.83/100**

**Secondary School Certificate (SSC)** | Jun 2013 – Aug 2019  
Jawahar Navodaya Vidyalaya, Sindhudurg, Maharashtra | Percentage : **87.80/100**

## TECHNICAL SKILLS

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**Programming & Database** : Python, C, SQL (MySQL)

**Data Manipulation & Visualization**: Pandas, NumPy, Matplotlib, Seaborn, Streamlit

**Machine Learning Libraries** : TensorFlow, Keras, Scikit-learn, NLTK

**Data Analysis & Modeling** : Data wrangling, Exploratory Data Analysis (EDA), Statistical analysis, Feature engineering, Model building, Evaluation, Tuning

**Deep Learning** : Neural Networks, CNNs, RNNs, Generative Models

**Other Tools** : Git, GitHub, Docker, Jupyter

## PROJECTS

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### WhatsApp Chat Analyzer

- Developed a software solution to analyze **WhatsApp chats**, providing insights into user interactions **sentiment analysis**.
- Designed detailed **metrics and visualizations** to enhance understanding of chat behavior and engagement patterns.
- Implemented **modular coding practices, logging, and exception handling** to ensure efficient development and robust performance.

### Comprehensive AI-Powered Web Application for Research Papers

- Designed a platform to help researchers search, summarize, and analyze academic papers using **AI-powered tools**.
- Integrated **arXiv API** and advanced **NLP models** for metadata retrieval, summarization, and **Q&A**.
- Developed an interactive **Streamlit interface** for seamless user interaction and enhanced **research capabilities**.

### AI-Powered Automated Recruitment System

- Automated **resume screening**, relevance ranking, and interview question generation using **LLMs**.
- Analyzed candidate responses using **ASR tools, NLP sentiment analysis**, and non-verbal behavior evaluation.
- Combined evaluation scores to **rank candidates** and provide actionable **recommendations for HR professionals**.

## ACHIEVEMENTS

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- Participated in ArduBotics Robotics (Workshop on Arduino Based Robotics) an outreach workshop by Technex'24, IIT Varanasi delivered by Innovians Technologies (India) and secured Second Place in the competition of excellence.

## CERTIFICATIONS

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- Deep Learning Specialization** — *Coursera (DeepLearning.AI)*
- AWS Machine Learning Foundation** — *Amazon Web Services (AWS)*
- Complete Machine Learning, NLP Bootcamp MLOPS Deployment** — *Udemy*