

# Mohammed Siddiq

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## SUMMARY

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Leverage my skills in AI and machine learning to contribute to innovative solutions and company growth.

## EDUCATION

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**Bachelor of Technology in Artificial Intelligence and Machine Learning**

(2020 – 2024)

Siddhartha Institute of Technology and Science, JNTUH

## EXPERIENCE

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**Title: Machine Learning Intern - Ignitus**

*Feb 2024 – May 2024*

- Implemented ML algorithms in the Learning Management System, boosting user engagement by 30%. Designed and deployed NLP models for personalized learning paths and content recommendations, enhancing the system's adaptability to user needs.
- Overcame remote work challenges, resolving issues and improving team efficiency.
- Took initiative on additional projects, demonstrating a strong work ethic and commitment.
- Received commendations for dedication and performance in Machine Learning

**Title: Web Developer Freelance - Excel Placement Services**

- Orchestrated end-to-end domain migration to GoDaddy, including custom DNS configuration, hosting setup, and deployment optimization, ensuring smooth domain transition
- Developed responsive website [excelplacements.com](https://excelplacements.com), driving 40% surge in client acquisition through optimized UX
- Delivered full-cycle technical support for domain transfer, hosting configuration, and site deployment.

## SKILLS

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- **Programming Language:** Python. **DBMS:** SQL
- **Artificial Intelligence:** Machine Learning, Deep Learning, Natural Language Processing, Generative AI, Large Language Models, Prompt Engineering, Attention Mechanisms
- **Libraries:** NumPy, Pandas, Matplotlib, Scikit-Learn, TensorFlow, Transformers, Keras, NLTK
- **Tools:** Git (GitHub), GitHub Actions, Github CI/CD, Hugging Face
- **MLOPS:** Mlflow, DVC, Docker. **API REST API,** Postman tool

## PROJECTS

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### Natural Language Question Answering System

[Link](#)

- Developed a Flask web application that enables users to upload PDF files and ask questions about their content. The project utilized fine-tuned BERT models for accurate answer retrieval and employed NLP techniques to preprocess text data effectively. It also explored integrating large language models for enhanced contextual understanding.
- **Position:** Team Leader | **Team Size:** 4 | **Duration:** 60 days

### House Price Prediction using Machine Learning

[Link](#)

- Built a predictive model using Gradient Boosting Regressor, enabling non-experts to make informed housing investment decisions.
- **Position:** Team Leader | **Team Size:** 4 | **Duration:** 60 days

## CERTIFICATIONS

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- Machine Learning Training – Internshala (2 months)
- Deep Learning with TensorFlow – IBM
- Machine Learning with Python – freeCodeCamp
- Career Essentials in GitHub – LinkedIn Learning
- Responsive Web Design – freeCodeCamp

## ACHIEVEMENTS

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- Built and Launched portfolio website, increasing outreach by 50%.
- Published a VS Code extension theme, "NightChill" downloaded by 50+ users.
- I contributed to open-source projects on GitHub, emphasizing collaboration.
- Achieved 850+ contributions on GitHub.