

# VISHAL CHAVAN

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## CARRIER OBJECTIVE

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Computer Science student specializing in AI & ML, skilled in Python, Java, SQL, Machine Learning and data analysis. Eager to apply technical expertise to build innovative solutions and drive business growth. Passionate about learning new technologies and contributing to intelligent system development.

## INTERNSHIPS

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### CSRBOX(IBM Training) — AI&ML Intern

*June - July(2024)*

- Designed and integrated a sophisticated chatbot into a web page using IBM Watson Assistant, enhancing user interaction.
- Developed a highly accurate ML-based model using IBM Watson Studio for predictive analytics on Diabetes Prediction.

### SmartInternz — Salesforce Developer Intern

*November - December(2023)*

- Performed an analysis on technical requirements, data, code, user experience, and solve problems to build and optimize Salesforce applications.
- Completed modules and super badges on Salesforce Trailblazer platform.

## PROJECTS

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### Scalable Data Engineering Pipeline with Azure for Real-Time Reporting

- Utilized Azure Data Factory, Data Lake, and Databricks to enable efficient data flow and cleaning, optimizing data accessibility
- Implemented Azure Active Directory and Key Vault for secure access, with automated real-time updates visualized through Power BI dashboards.

### Stock Prediction Using LSTM on Tesla Stock

- Developed an LSTM model for predicting stock prices using historical Tesla stock data (2010-2022), achieving a Root Mean Square Error (RMSE) of 15.94, outperforming traditional models.
- Trained on 2,956 data points with a 75/25 train-test split, ensuring robust model performance across unseen data and provides model accurately predicted future stock prices with minimal error.

### Student Data Prediction And Classification

- Built a machine learning model to predict student performance using socio-economic and educational factors.
- Conducted data pre-processing and exploratory data analysis, achieving an 84% accuracy and provided insights into key factors influencing educational outcomes.

## TECHNICAL STRENGTHS

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Language	Python, SQL, Java
Data Analysis	NumPy, Pandas, Matplotlib, Seaborn
Technologies	Microsoft Azure
	Google Cloud
Web Tools	Excel, Tableau, Git, Github

## EDUCATION

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**Vardhaman College of Engineering, Hyderabad**

*2021 - Present*

Bachelor of Technology

Computer Science and Engineering (Artificial Intelligence and Machine Learning)

CGPA: 8.12

## CERTIFICATIONS & AWARDS

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- Google Cloud Associate Cloud Engineer Certificate.
- UiPath RPA Developer Foundation Certificate.
- Wadhvani Job Ready Employability Certificate
- Certificates in Introduction to R & Ethical Hacking from Great Learning Academy

## EXTRA CURRICULAR & CO-CURRICULAR ACHIEVEMENTS

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- Attended Seminar on “Domain Name System and Security” by ISOC Hyderabad In association with CDAC Bangalore and Microsoft Hyderabad at Microsoft Campus, Hyderabad on 30 March 2024.
- Attended IEEE Envision Event and TEDxVCE Event at Vardhaman College of Engineering (2022).