

# Varun Salunkhe

Data Scientist  
Wipro

Bangalore, Karnataka, India, 560099  
Mob.: +91-8904861601  
Email: varunsalunkhe07@gmail.com

## Education

### B.TECH.

ADCET, Ashta (2018-2022)  
CGPA : 7.60/10

### INTERMEDIATE

GSS College, Belgaum (2016-2018)  
Percentage: 80.50%

### HIGH SCHOOL

Sadalga High School (2015-2016)  
Percentage: 93.76%

## Links

GitHub:// [varunsalunkhe](#)  
LinkedIn:// [varun-salunkhe](#)

## Skills

Python  
Structured Query Language (SQL)  
Data Science  
Data Cleaning  
Exploratory Data Analysis (EDA)  
Data Visualization  
Machine Learning  
Deep Learning  
Artificial intelligence  
Microsoft Power BI  
Microsoft Excel  
AWS  
Git and GitHub

## Coursework

Introduction to Statistics  
Machine Learning  
Deep Learning  
Computer Vision  
Natural Language Processing  
LLMs and Generative AI

## Certifications

AWS Certified Cloud Practitioner  
Salesforce Certified AI Associate

## Awards

Victory League (Wipro)

## Experience

### MAR 2023 - PRESENT Wipro, Bangalore

#### GenAI Developer

1. Developing a GenAI-based chatbot to assist customers with claims, queries, and product information.
2. Implementing Retrieval-Augmented Generation (RAG) to improve response accuracy and ensure seamless system integration for scalability.

#### Data Scientist

1. Developed and implemented a claim classification model for a leading automobile company, utilizing ML, Deep Learning techniques and NLP algorithms using NLTK library.
2. Collaborated with cross-functional teams to gather requirements, design solutions, and integrate the model into existing systems.
3. The solution was deployed on Red Hat OpenShift, leveraging containerization and orchestration capabilities to ensure scalability, reliability, and seamless integration.

### NOV 2022 - FEB 2023 Feynn Labs, India

#### Machine Learning Intern

1. Analyzed market data to uncover key product insights, visualized sales trends and customer preferences, facilitating decision-making.
2. Performed a customer segmentation analysis using unsupervised learning techniques, such as clustering, to enhance targeted marketing and sales strategies.

### SEPT 2022 - FEB 2023 iNeuron.ai , India

#### Project Based Internship

1. Led a team of four members in the development of a Mushroom Classification Model, employing machine learning algorithms.
2. Conducted comprehensive performance evaluations to select the most suitable model for mushroom classification.

## Projects

### 2024 News Research Tool Using LLM

1. Tech Stack: Mistral-7B-Instruct-v0.1-GGUF, LangChain, C Transformers, Chroma DB, Unstructured
2. Developed a custom news research tool using Mistral LLM.
3. Designed a system to process unstructured URLs, analyze website content, and generate accurate answers using Retrieval-Augmented Generation (RAG) for enhanced query response precision.
4. Increased the model's ability to answer complex and open-ended questions by 30%.

### 2023 Tomato Disease Prediction

1. Tech Stack: Python, TensorFlow, Keras, Flask, HTML, CSS
2. Developed a disease prediction model using deep learning algorithms to detect diseases in tomato plants.
3. The model was built using the InceptionV3, pre-trained CNN architecture and achieved an accuracy of 86%.