



Sahla V  
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## SUMMARY

Highly motivated and self-taught aspiring data scientist with a passion for extracting insights from data and applying them to solve real-world problems. Possesses a strong foundation in foundational data science concepts including Programming language like Python, Descriptive statistics, hypothesis testing, regression analysis, Supervised and unsupervised learning algorithms, Creating clear and insightful data visualizations Eager to learn and collaborate with experienced data scientists, actively seeking opportunities to contribute to data-driven projects and gain hands-on experience in the field. Highly adaptable and possesses excellent communication and problem-solving skills. Adapts quickly to new tools, technologies, and methodologies. Seeking an entry-level data scientist position in a dynamic and collaborative environment to apply theoretical knowledge to real-world projects and contribute to the success of the organization.

## EDUCATION

### TRAINING BOOTCAMP

2023-2024

BROTOTYPE

- Developed strong skills in data analysis, data cleaning, feature engineering, model building, data visualization, sql, Machine Learning, Deep Learning, natural language processing(NLP), Large language Models(LLM), Artificial Intelligence (AI), python django web development etc.

### CERTIFICATION PROGRAM IN DATA ANALYSIS WITH R AND EXCEL

2019-2020

FAROOK COLLEGE

- Developed basic skills in data cleaning, data analysis , R programming language, R Studio, data visualization, Excel and MSOffice etc.

### MASTER'S DEGREE IN MATHEMATICS

2018-2020

FAROOK COLLEGE

- Developed a solid foundation in mathematics through an MSc program, demonstrating proficiency in various analytical and computational techniques.

### BACHELOR'S DEGREE IN MATHEMATICS

2015-2018

FAROOK COLLEGE

- Completed BSc Mathematics with a strong quantitative background, adept in applying mathematical principles to complex problems with 4.63 cgpa.

### HIGHER SECONDARY EDUCATION

2013-2015

VPKMMHSS

- Completed my higher secondary education with 96 percent score.

## PROJECTS

### ON-GOING PROJECT : QUALITY ANALYSIS OF SUMMARY USING NLP TECHNIQUES

Dec 2023 - Present

In this ongoing project, I'm analyzing and predicting student summary quality using NLP. Combining a diverse dataset with machine learning and feature engineering, I'm building a model to identify linguistic patterns within effective summaries. This will provide educators with data-driven tools to enhance student writing and feedback, ultimately improving summarization skills across academic disciplines. Stay tuned for exciting results!

## LAPKART : A DJANGO-POWERED E-COMMERCE PROJECT

May 2023 - June 2023

Built Lapkart, a comprehensive e-commerce platform for selling laptops, leveraging the robust features of the Django framework. Implemented a secure and efficient product management system, ensuring a seamless user experience. Enabled dynamic product listings and intuitive search mechanisms for effortless navigation. Integrated secure payment processing and user account management with order tracking, streamlining the purchasing journey. Designed a scalable architecture poised for future growth and expansion

## ML PROJECT : HOUSE PRICE PREDICTION

Dec 2023 - Dec 2023

This mini project leverages data science to develop a reliable house price prediction model. Built with Python, pandas, scikit-learn, and Jupyter notebooks, it explores data, engineers features, and utilizes machine learning algorithms. Built an accurate model for the prediction of house price with higher accuracy. Took it further with Django and Streamlit, which seamlessly deploy the model as an interactive web application for insightful predictions and a smooth user experience.

## WEB SCRAPING : FLIPKART WEB SCRAPING

Dec 2023 - Dec 2023

Through this mini project successfully scraped and analyzed Flipkart laptop data to gain insights into consumer trends and popular features. Leveraged BeautifulSoup and Auto Scraper to extract data, including brand, specifications and pricing. This project honed my web scraping skills further preparing me for a data-driven career in Data Science.

## MINI PROJECT : INVOICE EXTRACTOR USING LLM(GEMINI API)

Dec 2023 - Dec 2023

Say goodbye to time-consuming invoice processing! This multilingual extractor, powered by Gemini Pro and deployed as a user-friendly web app, effortlessly extracts key data from invoices in English, Spanish, and French in a flash, saving you 50% of your time and delivering near-flawless accuracy.

## SKILLS

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PROGRAMMING LANGUAGES	<b>Experienced:</b> Python   C   SQL <b>Familiar:</b> Javascript   Java
SOFTWARE DEVELOPMENT	Django backend   Programming Paradigms   GIT   HTML   Ajax   CSS   Postgresql
LIBRARIES	Jupyter   Matplotlib   Numpy   Pandas   Scikit-learn   PyTorch   Seaborn   Tensorflow   keras
DATA VISUALIZATION	Powerbi   Tableau
FRAMEWORKS	Django   Bootstrap
SKILLS	Deep Learning   NLP   Machine Learning   Artificial Intelligence   Data Analysis