# BHARAVI S - CORRECTED RESUME CONTENT

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## CAREER OBJECTIVE:

An enthusiastic professional passionate about driving innovation in Artificial Intelligence, Data Science, and Machine Learning to solve real-world challenges effectively. Keen to leverage strong programming, analytical, and visualization skills to deliver impactful data-driven solutions.

## EDUCATIONAL DETAILS:

### BACHELOR'S DEGREE

- **B. Tech Artificial Intelligence and Data Science**
- Rajalakshmi Institute of Technology, Autonomous, Chennai - 2021 - 2025
- **CGPA:** 7.9

### HIGHER SECONDARY EDUCATION

- **HSC** - KSR Hi-Tech School, CBSE, Virudhachalam - 2020 - 2021
- **Marks:** 426/500 (85.2%)
- **Stream:** Bio-Maths

### SECONDARY EDUCATION

- **SSLC** - KSR Hi-Tech School, CBSE, Virudhachalam - 2018 - 2019
- **Marks:** 416/500 (83.2%)

## EXPERIENCE:

### POWER BI & PYTHON DEVELOPER INTERN

**ICSR IITM, Chennai** – May 2025 – Present

- Developed and embedded interactive dashboards using Power BI Desktop and Service
- Developed backend APIs and managed data with Python (Flask) and Microsoft SQL Server
- Implemented role-based access control for secure data visualization
- Designed a responsive frontend using HTML and CSS
- Created a Python-based chatbot to handle FAQ support and guidance, reducing manual queries by 40%

## DATA ANALYST INTERN

**AFAME TECHNOLOGIES** – June 2024 – July 2024

- Conducted exploratory data analysis on HR and sales datasets, identifying 5 key trends that led to a 10% increase in sales efficiency
- Built interactive data visualizations and dashboards, resulting in a 25% reduction in decision-making time for key stakeholders
- Implemented Python-based data pipelines, automating 70% of manual data processing tasks

## DATA SCIENTIST INTERN

**COGNIFY** – [Add duration if available]

- [Add specific details about role and achievements]

# PROJECTS:

## MACHINE LEARNING PROJECT

**SUSTAINABLE TRAFFIC OPTIMIZATION IN URBAN AREAS CAPSTONE PROJECT** - JAN - APR 2025

- Presented at ICMLAS-2025, Bangkok
- Built a $CO_2$ emissions prediction model using Multivariate Linear Regression
- Applied statistical methods (Fisher-Pearson Skewness, Jarque-Bera) for validation
- Integrated real-time traffic data and optimized routing for emissions reduction
- **Tools used:** Python, Pandas, Scikit-learn

## DATA ANALYSIS PROJECTS:

**PYTHON PROJECTS – Jan 2023**

- **COVID-19 Data Analysis** – Analysed global COVID-19 trends: case growth, recovery, and regional disparities
- **Sales Data Analysis** – Identified revenue trends and key drivers, offered optimization strategies
- **HR Data Analytics** – Analysed employee data to uncover patterns related to turnover, performance and workforce trends
- **Tools:** Python, Pandas, Matplotlib, Seaborn

**SQL PROJECT – Mar 2024**

- **Movie Data Analysis Project** – Utilized JOINs and aggregate queries to uncover genre trends, ratings, and viewer behaviors

**POWER BI PROJECT – Feb 2024**

- **Spotify Data Analysis Project** – Analysed Spotify data with Power BI, visualizing trends, artist performance, and listener preferences via dashboards

## SKILLS:

### PROGRAMMING:

Python, SQL, HTML, Flask

### DATA ANALYSIS & VISUALIZATION:

Excel, Tableau, Power BI (DAX, dashboards)

### AI & ML:

Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn, TensorFlow (basic), Keras (basic), Data Preprocessing

### TOOLS & IDE:

VS Code, Microsoft SQL Server, Jupyter Notebook, Git & GitHub

### CREATIVE SKILLS:

Content Writing, MS Word, PowerPoint

### LANGUAGES KNOWN:

English, Tamil, Japanese

## CERTIFICATIONS:

- Microsoft Power BI - Udemy
- Introduction to Data Science - Cisco
- ChatGPT for Everyone - Guvi
- AI for India 2.0 - Guvi
- Introduction to Python - Guvi

## EXTRACURRICULAR ACTIVITIES:

- **Chairperson** - Masoom Vertical, Young Indians YUVA (RIT Chapter)
- **Sports Secretary** - KSR Hi-Tech School, CBSE

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# BHARAVI - CORRECTED ABOUT ME CONTENT

## Personal Information

I am Bharavi, born on 3rd October 2003 in Perambalur, Tamil Nadu, India. My father's name is Sakthi K and my mother's name is Elavarasi S. I have a younger sister named Hemalavanya S.

## Education

I completed my schooling at KSR Hi-Tech CBSE School, Virudhachalam with:

- **10th grade marks:** 416/500 (83.2%)
- **12th grade marks:** 426/500 (85.2%) in the Bio-Maths stream

I pursued my B.Tech in Artificial Intelligence and Data Science from Rajalakshmi Institute of Technology, Chennai and graduated with a CGPA of 7.9.

## Professional Experience

- **Data Analyst Intern** at Afame Technology
- **Power BI and Python Developer Intern** at ICSR, IIT Madras
- **Data Scientist Intern** at Cognify

## Skills & Expertise

Python, Power BI, RAG (Retrieval-Augmented Generation), SQL, HTML, Flask, Pandas, NumPy, Automation, Artificial Intelligence, Machine Learning

## Key Projects

- **Data Analysis Projects:** Spotify Data Analysis (Power BI), COVID-19 Analysis, Sales and HR Data Analysis (Python), Movie Data Analysis (SQL)
- **Data Science Capstone:** 'Sustainable Traffic Optimization in Urban Areas' (Jan-Apr 2025)
  - Presented at ICMLAS-2025, Bangkok
  - Built a $CO_2$ emissions prediction model using Multivariate Linear Regression
  - Validated using Fisher-Pearson Skewness and Jarque-Bera tests
  - Integrated real-time traffic data and optimized routing to reduce emissions

## Technical Achievements

- Developed and embedded interactive dashboards using Power BI Desktop and Service
- Created backend APIs in Python (Flask) with Microsoft SQL Server
- Implemented role-based access control for secure data visualization
- Designed responsive frontends using HTML and CSS
- Built an FAQ chatbot in Python, reducing manual queries by 40%

## Extracurricular Activities

- **Chairperson** - Masoom vertical in the YUVA Club at Rajalakshmi Institute of Technology
- **Sports Secretary** - KSR Hi-Tech CBSE School

## Languages & Hobbies

- **Languages Known:** Tamil, English, Japanese
- **Hobbies:** Baking