

# SHIRESHA N

+91 6380842526 / shiresha2006@gmail.com / linkedin.com/in/shiresha /  
github.com/shiresha2006

---

## EDUCATION

<b>Karpagam College Of Engineering[CGPA : 8.5]</b> <i>Bachelor of Technology in Artificial Intelligence and data Science</i>	Coimbatore, TamilNadu SEP 2023-JUNE 2027
<b>Parimalam.Matric.Hr.Sec.School [ Percentage : 89%]</b> <i>Bio-Maths</i>	Hosur , TamilNadu JUNE 2022-APR 2023

## PROJECTS

### Spam News Detection / Machine learning , Scikit-learn , Flask

- Developed a machine learning model using Scikit-learn to classify news articles as spam or real based on structured data features.
- Implemented data preprocessing, feature selection, and trained models like Naive Bayes and SVM to achieve accurate classification results.

### Mental Burnout-Risk Analyser / Machine Learning , Scikit-learn , Flask

- Designed a machine learning model using Scikit-learn to predict mental burnout risk levels based on user input such as work hours, sleep, and stress indicators.
- Built a Flask web application with a user-friendly interface to collect inputs and display personalized burnout predictions with suggestions.

### Student Management System / Java , Spring Boot

- Developed a CRUD-based web application using Spring Boot to manage student records, including registration, updates, and course assignments.
- Integrated RESTful APIs with MySQL database and implemented MVC architecture for organized and scalable backend development.

### Math Chatbot / Python , Flask

- Created an interactive Flask-based chatbot that solves mathematical problems such as mean calculation, linear regression, and matrix operations.
- Implemented modular Python functions for backend logic and designed a simple web interface for real-time user interaction and output display.

## SKILL SUMMARY

<b>Languages</b>	: Python , Java , SQL , HTML , CSS , JavaScript
<b>Libraries</b>	: Scikit-learn , Pandas , NumPy , SpringBoot , Hibernate , Matplotlib , Keras
<b>Developer Tools</b>	: Git , GitHub , DVC , Docker , Jenkins , Visual Studio , PostgreSQL, MySQL , Flask , Google colab , Jupyter Notebook , Eclipse
<b>Others</b>	: Data Structure and Algorithm , Object Oriented Programming , Machine Learning DBMS , MLOps
<b>Soft Skills</b>	: Leadership , Teamwork , Communication , Time Management , Problem-solving

## CERTIFICATES

<b>Qlik Sense Business Analyst</b> / Qlik	OCT 2024-NOV 2024
<b>Leadership and Team Effectiveness</b> / Nptel[Elite]	JAN 2024-MARCH 2024
<b>Python for Data Science</b> / Nptel [Elite]	JULY 2024-AUG 2024

## EXTRACURRICULAR ACTIVITIES

Overall Co-Ordinator of Dhruva, Techfest, KCE.	MARCH 2025
Completed a internship with Plasmid in the domain of Artificial Intelligence	JULY 2024-SEP 2024
Participated in Paper Presentation and Hackathon competitions.	