

BALAJI R

JUNIOR PYTHON DEVELOPER

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● Avadi, Chennai

[Linkedin](#) | [GitHub](#) | [Portfolio](#)

Executive Summary

As a BCA student at Aringar Anna Government Arts College, Villupuram, I have developed a strong foundation

in data analytics. My expertise includes data collection, preprocessing, analysis, and visualization using tools like Python (**Pandas, NumPy, Matplotlib, Seaborn**) and **Excel**. I have applied these skills in academic projects to uncover insights, identify patterns, and support data-driven decision-making.

Education Credentials Tools & Technologies Skills

Aringar anna govt arts college ,vpm

Aug 2022 – May2025

Bachelor of Computer application — CGPA: 70
annamalai University

Technical Skills

Programming & Data Analytics: Python (Pandas, NumPy, Matplotlib), Data Cleaning, Data Visualization

BI Tools: Power BI, Metabase

Version Control: Git, GitHub

Productivity & Tools: Microsoft Excel, Word, PowerPointSoftware , Visual Studio,Canva

Other Skills: Typing

Soft Skills: Communication, Team Collaboration, Problem-Solving & Analytical Thinking, Time Management

Projects

STOCK MARKET

feb - 2025

Stock Market Data Analysis

- Tools: Python, Pandas, Matplotlib, Seaborn, NLP, Scikit-learn [GitHub Repository](#)
 - Conducted exploratory data analysis (EDA) on stock market data, identifying trends, seasonality, and patterns using visualizations.
 - Investigated correlations between closing prices of companies and visualized them through correlation matrices.
 - Identified top-performing companies based on stock price growth and trading volumes over a specific period.Applied Natural Language Processing (NLP) techniques for sentiment analysis on news headlines, linking sentiment to stock price movements.
- Analyzed stock price volatility using Standard Deviation and Bollinger Bands to assess and compare company risks.

Student Academic Performance Analysis

April - 2025

[Githubrepository](#)

- Classified students into success categories based on SGPA and yearly CGPAs.
- Analyzed and compared academic performance between male and female students.
- Visualized trends using charts to show progression and gender differences.
- Applied clustering and classification models for student segmentation.
- Extracted insights to support academic intervention strategies.

Relevant Coursework | Certifications

Professional Certificate in Python with Data Analytics (VGLUG Foundation), villupuram—
Year: 2025.

Extracurricular Activities

Member of the School handball Team (vivekananda Vidyalaya matric hr sec school,manampoond)i—
Year: 2022.

Actively participated in school-level Handball tournaments(**state level winners**), physical endurance and teamwork skills.