

# VIJAY KUMAR B S

DATA SCIENCE AND MACHINE LEARNING

## CONTACT

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## PROFILE SUMMARY

Motivated and detail-oriented aspiring Python Developer with a strong foundation in computer applications, currently pursuing MCA.

Skilled in Python, C, C++, Java, and familiar with tools like MATLAB and Microsoft 365.

Completed introductory courses in Machine Learning and MATLAB Onramp, demonstrating a proactive learning mindset.

Seeking an opportunity to apply programming and problem-solving skills in a real-world development environment.

## EDUCATION

2021-2024

BANGALORE UNIVERSITY

- Bachelor of Computer Applications
- CGPA: 7.14

2024-2026

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UNIVERSITY

- Master of Computer Application

## WORK EXPERIENCE

AICTE

2023

Python Development

- Contributed to the development and debugging of Python-based applications, enhancing code efficiency and application performance.
- Assisted in building RESTful APIs using Flask/Django and integrated them with frontend interfaces for seamless functionality.
- Collaborated with senior developers to implement data processing scripts, improving automation and reducing manual work.
- Participated in Agile team meetings, code reviews, and version control using Git, gaining real-world software development experience.

## SKILLS

- Data Science
- Machine Learning
- Python Programming
- Artificial Intelligence
- Data Analysis
- Statistical Modeling
- Cybersecurity Principles
- Software Testing
- C, C++, Java
- MATLAB

## PROJECTS

Machine Learning on Employee Attrition

- Developed a predictive model to analyze employee attrition rates using Python.
- Utilized various machine learning algorithms to identify key factors influencing employee turnover.
- Achieved a model accuracy of [insert accuracy percentage] through rigorous testing and validation.

Cybersecurity Dashboard Project

- Created a cybersecurity dashboard utilizing Python and OWASP ZAP to monitor and analyze security vulnerabilities.
- Implemented data visualization techniques to present findings and enhance decision-making processes.
- Improved incident response time by [insert percentage or metric] through proactive monitoring.

## LANGUAGES

- English: Fluent
- Kannada: Fluent
- Hindi: Basics