

VIJAY KUMAR B S

PYTHON | SQL | POWER BI

I'm a passionate Python Developer and Data Analytics enthusiast, currently pursuing my Master of Computer Applications (Final Year). Skilled in Python, SQL, and data visualization using Pandas, NumPy, and Matplotlib, I have hands-on experience in building data-driven applications, API integration, and automation tools. With strong analytical and problem-solving skills, I aim to transform raw data into meaningful insights and develop efficient, scalable software solutions.

INTERNSHIP

Python Developer Intern – AICTE (Saiket Systems, 2024)

Developed real-world Python projects:

- To-Do List App
- Number Guessing Game
- File Handling Tool
- Currency Converter
- Word Count Analyzer

PROJECTS

Cybersecurity Dashboard for Web Threats

Tech: Python, Tkinter, OWASP ZAP API, SQLite/MySQL, ReportLab

Built an interactive vulnerability analysis dashboard with:

- Real-time web scanning via ZAP API
- CVE Lookup & scan history
- PDF/HTML reporting
- Graphs & visualization with Matplotlib
- Subdomain and directory brute-force using Sublist3r/Dirsearch

Employee Attrition API

Tech: Python, SQL

Predicts employee attrition using machine learning and analytics visualization.

Features:

- Login system & visualization dashboard
- SQL/SQLite integration
- Predictive insights for HR decisions

Voice Assistant

Tech: Python, SpeechRecognition

Developed a smart voice-controlled assistant for automation and web tasks.

Features:

- Voice command recognition
- Text-to-speech responses
- API integration for web queries and weather

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SKILLS

- Python
- SQL
- R programming
- Data Analysis & Visualization

EDUCATION

Master of Computer Applications (MCA)-

AI,ML & DS - 84%

S-VYASA DEMEED TO BE
UNIVERSITY,BENGALORE
2024-2026

Bachelor of Computer Applications - 74%

BIMS, BENGALORE
2021-2024

PUC-71%

Government P U College,
BENGALORE
2021-2024

SSLC-73.92

Government high school,
Bengalore

CERTIFICATIONS

Diploma in Computer Programming

karnataka infotech -2020

Python Intern

AICTE-2024

R Programming

S-VYASA DEEMED TO BE
UNIVERSITY-2025