

# RISHU KUMAR

## Software Developer

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## SUMMARY

Self-motivated and hardworking Junior Python Developer with experience in backend development, data processing, and automation. Strong problem-solving skills with expertise in Core Java and Python. Passionate about building efficient and scalable applications.

## EDUCATION

### B.Tech in Computer Science & Engineering

Radharaman Institute of Technology and Science, Bhopal  
CGPA: 8.02 | Year of Completion: 2023

### 12th

BalDev Ayodha Atim Parveshika High School Bihar  
PCT: 69% | Year of Completion: 2019

## TECHNICAL SKILLS

- Programming Languages: Python, HTML, CSS, Core Java
- Frameworks & Libraries: Django, Flask, Selenium, Spring Boot (Basics)
- Databases: MySQL, PostgreSQL
- Tools & Technologies: Git, Docker, REST APIs
- Concepts: OOPs, Data Structures & Algorithms, Multithreading, Exception Handling, Collections, JDBC

## CERTIFICATIONS

- Java Certification – P-Infowiz, Bhopal, Madhya Pradesh
- Python Certification – Hackerrank
- Employee of the Month – Recognized for exceptional performance and dedication to project success.
- Best Coordinator Award (2023) – Awarded by Radharaman Institute of Technology & Science, Bhopal, Madhya Pradesh, for exemplary coordination and organizational skills.

## WORK EXPERIENCE

### Junior Python Developer

vTech Solution Inc. | jun/2024 – Present

- Automation for Metrolinx Portal Management (Canada)
- Automation for Waste Management Portal (US)
- Developed and maintained backend services using Python and Django.

### PROJECTS

Automated Data Processing Tool (Python)

- Created a script using Python to fetch and clean data from multiple sources.
- Utilized Java multithreading to process large datasets efficiently.

Library Management System (Java)

- Developed a Java-based application to manage book records, borrowers, and lending history.
- Used JDBC to connect with MySQL for database operations.
- Implemented OOP principles, file handling, and exception handling.

Fee Report Management System (Java)

- Developed a Java-based application to manage student fee records and transactions.
- Used JDBC to connect with MySQL for database operations.
- Implemented OOP principles, file handling, and exception handling.

### Python Developer Intern

vTech Solution Inc. | jun/2024 – Dec/2024

- Implemented automation scripts to optimize backend processes.
- Worked on data analysis and visualization using Pandas and Matplotlib.
- Collaborated with the development team to enhance the company's internal tools.
- Contributed to debugging and improving database query efficiency in PostgreSQL.