

Rishav Sachdeva

[GitHub](#)[Linkedin](#)sachdevarishav449@gmail.com[Portfolio](#)[CodeStudio](#)

EDUCATION

Jaypee Institute of Information Technology, Noida

BTech. in Computer Science

Sep 2022 - July 2026

CGPA: 7.6 / 10.0

WORK EXPERIENCE

SpiceJet Limited | Gurugram, India

June 2024 - August 2024

Technical Intern | Java, Spring Boot, Spring Data JPA, Maven, Hibernate, MySQL

- Worked on back-end development on IROP, a flight management system for managing flight schedule disruptions.
- Designed and maintained scalable **RESTful API** endpoints to store flight data from Excel sheets into a database.
- **Optimized database schema** for high-performance storage and retrieval of flight delay data.
- **Automated advanced data filtering**, reducing manual errors and enhancing data integrity.

SKILLS

Languages: C/C++ (OOPs), Java, Python, JavaScript, SQL, HTML/CSS, SCSS,

Frameworks & Libraries: React, Node.js, Express.js, Flask, Spring Boot, NumPy, Pandas

Databases: MySQL, MongoDB

Tools: Postman, Git/GitHub, VSCode, Jupyter, IntelliJ IDEA, MongoDB Compass, Google Colab

Operating Systems: Windows, Linux (Ubuntu)

PROJECTS

MedMinion | Python, Flask, React, Node.js, Express.js, MongoDB, Postman |

September 2024

- Implemented an **AI-driven clinic management system** featuring automated appointment scheduling, disease identification, medicine recommendations.
- Proposed and developed disease prediction logic by incorporating **weighted symptoms** into the dataset, improving the overall **accuracy by 26% in the blaze999/Medical-NER model**.
- Led the back-end development, facilitating **authorization and authentication** from both user and admin side.
- Successfully **integrated** appointment scheduling and medicine recommendation models to enhance user experience.

Party Penguin | React, Node.js, Express.js, MongoDB |

July 2024

- Developing a comprehensive event exploration and ticketing platform.
- Designed and implemented organiser interface for managing and adding new events, including **comprehensive dashboard** functionalities.

JobMeUp | Python, Flask, HTML, CSS, JavaScript, SQLite, Razorpay API |

April 2024

- Integrated a **career development platform** featuring a resume builder, job postings, career suggestions, web-RTC, payment gateway, and chat-bot.
- Co-developed a supervised machine learning model with 90% accuracy using Scikit-learn and XGBoost Classifier.
- Led the **back-end development**, implementing routing logic and API integration.

CERTIFICATIONS

Principles of Generative AI | Infosys Springboard

[Link](#)

Artificial Intelligence Primer | Infosys Springboard

[Link](#)

Data Science Professional Certificate | IBM on Coursera

[Link](#)

ACHIEVEMENTS & PARTICIPATIONS

- Secured **3rd place** in Codejam V4 Hackathon for the project: **Musique**.
- Achieved **top 30** in **Smart India Hackathon 2023** with the project: **LittleVoices**.
- Solved **over 350 Data Structure and Algorithms** questions across Leetcode, GFG, and CodeStudio.

VOLUNTEERING

Open Source Developers Community - IIIT 62 | Core Team Member

Aug. 2024 - Present

JGEC Winter of Code | Mentee (7 PRs)

Jan. 2024 - Feb. 2024

Hacktoberfest Hall of Fame | Mentee (4 PRs)

October 2023