

AITY RITESH RAJ

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My Portfolio - [link](#)

EDUCATION

Guru Ghasidas Vishwavidyalaya (A Central University)

B.Tech in Information Technology (IT)

Vector Junior College

Intermediate Education, MPC

Bilaspur, Chhattisgarh, India.

2022 - 2026

Nizamabad, Telangana, India.

2020 - 2022

SKILLS SUMMARY

- **Languages:** Java, Python, JavaScript, SQL
- **Frameworks:** Django, Flask, Spring Boot, React.js, Tailwind CSS, Bootstrap, Django REST Framework
- **Technologies:** AI & NLP Integration, MySQL, SQLite, MongoDB, REST APIs, Git
- **Tools:** VS Code, GitHub, AWS, Postman
- **Soft Skills:** Problem-solving, Analytical Thinking, Communication, Team Collaboration, Adaptability

WORK EXPERIENCE

Backend Development Intern | @Whatbytes | Django | MySQL

March 2025 - May 2025

- Designed and implemented secure and scalable REST APIs for seamless data communication.
- Focused on improving response times and ensuring data integrity.
- Worked with MongoDB and MySQL, designing efficient schemas, optimizing queries, and implementing indexing techniques to enhance database performance and scalability.
- Integrated JWT authentication and session-based security to safeguard user data, ensuring a robust and secure user authentication system.
- Worked closely with frontend developers to ensure seamless API integration, assisting in troubleshooting testing API endpoints, and maintaining clear documentation for smooth development workflows.

PROJECTS

AI Resume JOB Application Analyzer Extension | Django | Google Gemini

March 2025

- Uses NLP and AI to evaluate resumes, providing ATS scores, keyword optimization, and grammar checks for better job matching.
- Extracts key skills from job descriptions and suggests resume improvements to enhance relevance.
- Stores and organizes multiple resume versions in MongoDB/PostgreSQL for easy access and comparison.
- Built with Django REST Framework, deployed using Docker & Kubernetes for scalability and performance.

Price Comparison Website | Django | Selenium

December 2024

- Uses BeautifulSoup and Selenium to extract real-time product prices and details from multiple e-commerce websites.
- Manages scraped data efficiently, providing a fast and scalable API for frontend integration.
- Enables users to search for products and compare prices across different platforms in a user-friendly interface.
- Stores product data in MongoDB/PostgreSQL, optimizing query performance for quick price updates.

Weather Forecast App | JavaScript

October 2024

- Provides detailed weather predictions for the next 5 days and hourly updates for 14 hours using real-time API data.
- Tracks real-time air pollution levels, displaying AQI values along with health impact insights to help users make informed outdoor activity decisions.
- Shows precise sunrise and sunset times based on the user's location.
- Built with JavaScript, HTML, and CSS, featuring real-time updates and responsive design.

CERTIFICATES

DSA in Java (Udemy) |

- Mastered Data Structures & Algorithms, covering sorting, searching, trees, graphs, and DP with hands-on coding.
- Enhanced problem-solving skills, focusing on efficient algorithms and real-world applications.

Programming in Python (Kaggle) |

- Learned core Python concepts, including data types, loops, functions, and OOPS through hands-on exercises.
- Applied Python skills in real-world scenarios, focusing on data manipulation, automation, and problem-solving.

IIIT Sricity's International Healthcare Hackathon (Finalist, Most Promising Idea) |

- Finalist for developing an innovative healthcare solution integrating ECG devices for real-time health monitoring.
- Collaborated in a multidisciplinary team, leveraging technology and data-driven approaches to create an ECG-based prototype.