

AKSHAT RAJ BHARTI

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Technical Skills

Languages and Databases: C/C++, HTML/CSS, JavaScript, Java, SQL, PHP

Tools: GitHub, VS Code, Eclipse, Oracle

Other Skills: MS Excel, ReactJS, Bootstrap, WordPress, OpenCart

Experience/Internships

Cloudmonte Technologies Private Limited

June 2024 – August 2024

Web Developer Intern

Noida, India

- Developed a fully functional **Systematic Investment Plan (SIP) Calculator** using JavaScript, enabling real-time return analysis with approximately **200 calculations per week** during initial deployment.
- Designed and implemented over **10 responsive web pages** for the company website using the WordPress framework, enhancing user engagement.
- Created and developed the **live website for Cloudvista Technologies**, resulting in a 90% improvement in functionality and user experience, such as faster load times, streamlined navigation, or increased user engagement.

Octanet

July 2023 – August 2023

Web Development

Online

- Developed and launched a Simple Calculator and a dynamic Food Ordering Website**, leveraging **HTML, CSS, Bootstrap, and JavaScript**, resulting in a **responsive user interface** and improved **ease of functionality**. Successfully improved user engagement through streamlined design and intuitive navigation.

Invertis University

August 2022 – December 2022

Frontend Developer

Bareilly, India

- Created **50 % of user interface for the TEDx Invertis University website**, emphasizing intuitive navigation, aesthetic appeal, and responsive functionality.
- Managed and integrated the PayPal payment gateway to ensure secure and seamless transactions on the website.

Projects/Certifications & Achievements

Wildlife Motion Detection using ESP32 Cam

- Tools and Languages:** Arduino IDE, ESP32 Cam, C Programming, Integrated Image Processing Algorithm
- Reduced false-positive detection rates by optimizing **image processing algorithms**, ensuring **95% detection accuracy** in controlled tests.
- Presented research findings at the **International Conference organized by Invertis University, Bareilly**, earning recognition for innovative IoT applications that improved operational efficiency by 20%.
- Developed a **Login Page using Java Swing**, integrated with a database for data storage, and implemented connectivity using Servlets, demonstrating proficiency in backend and GUI development.
- Published a research paper on **Object Detection Using the YOLO Algorithm** in the **International Research Journal of Modernization in Engineering Technology and Science**, highlighting cutting-edge computer vision techniques.
- Full Stack Web Development Training (Internshala):** Completed a rigorous program focusing on **JavaScript** and **SQL**, culminating in the development of three fully functional web applications as part of personal projects.
- Earned a LinkedIn Learning certificate in **Building Great Forms with HTML and CSS**, showcasing expertise in web design fundamentals.

Responsibilities

- Class Discipline Coordinator (Graduation and Post-Graduation):** Maintained a disciplined and productive learning environment for a class of 60+ students by effectively enforcing academic policies.
- Student Placement Coordinator:** Organized **10+ career development workshops**, including resume-building sessions, mock interviews, and networking events, benefitting over 100 students.

Education

Invertis University

Aug 2023 – May 2025

Master of Computer Application

Bareilly, India

Invertis University

Aug 2020 – May 2023

Bachelor of Computer Application

Bareilly, India