

Akash Tiwari

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Professional Summary

Motivated MCA student with strong foundation in full-stack web development and problem-solving. Hands-on experience building end-to-end web applications using modern technologies including HTML, CSS, JavaScript, Python, and SQL. Passionate about creating user-centric solutions with clean, efficient code. Quick learner eager to contribute to collaborative development teams and grow technical expertise in a professional environment.

Education

Graphic Era Hill University

Master of Computer Applications (MCA)

Omkarananda Institute of Management and Technology

Bachelor of Computer Applications (BCA)

Dehradun, India

Expected June 2026

Rishikesh, India

Graduated June 2024

Technical Skills

Programming Languages: Java, JavaScript, Python, C, C++

Web Development: HTML5, CSS3, Bootstrap, React.js (learning), PHP, MySQL

Backend & Frameworks: Node.js (basic), Express.js (basic), Flask

Databases: MySQL, SQL, MongoDB (familiar)

Developer Tools: Git, GitHub, VS Code

Core Competencies: Data Structures & Algorithms, Object-Oriented Programming, Database Design

Projects

ByteBite – Full-Stack Food Ordering Platform | *Python, Streamlit, Pandas, SQL*

[GitHub](#)

- Built a complete food ordering web application with user authentication, menu browsing, and order management
- Implemented shopping cart functionality, order history tracking, and persistent data storage using CSV and SQL
- Developed admin dashboard with analytics for order trends, revenue tracking, and inventory management
- Integrated AI-based food recommendation system based on user preferences and order history

Network Contact Management System | *C, Socket Programming, TCP/IP*

[GitHub](#)

- Designed and implemented a client-server phonebook application using TCP/IP socket programming in C
- Created RESTful-like API supporting full CRUD operations (Create, Read, Update, Delete) over the network
- Implemented data persistence using CSV file handling and optimized search with efficient data structures
- Handled concurrent client connections and ensured data integrity across multiple simultaneous operations

Personal Portfolio Website | *HTML, CSS, JavaScript, Bootstrap*

[GitHub](#)

- Designed and developed a responsive portfolio website showcasing projects and technical skills
- Implemented modern UI/UX principles with smooth animations and mobile-first responsive design
- Deployed using GitHub Pages with optimized loading performance and cross-browser compatibility

Certifications & Training

Data Analysis with Python | *IBM (Coursera)*

Full Stack Web Development

January 2025

Completed 2024

Achievements & Activities

- Solved 100+ problems on LeetCode and HackerRank focusing on DSA and problem-solving
- Active contributor to open-source projects on GitHub with experience in collaborative development