

AYUSH KUMAR

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Professional Summary

Software Developer with strong foundation in Data Structures & Algorithms and Full Stack Development (MERN). Experienced in building scalable applications using React.js, Node.js, and MongoDB with focus on performance, secure authentication, and cloud-ready deployment.

Technical Skills

Programming: C, C++, Java, Python, JavaScript | **Frameworks:** React.js, Node.js, Express.js, REST APIs, MERN | **Cloud/Tools:** AWS, Google Cloud, Git, GitHub | **Databases:** MongoDB, MySQL | **Concepts:** DSA, System Design

Education

M.S Ramaiah University of Applied Sciences
Master of Computer Application

2025 – Ongoing
Bengaluru, Karnataka

Ranchi University, Ranchi
Bachelor of Computer Application

2021-2024
Ranchi, Jharkhand

St. Xavier's College
Intermediate, Percentage: 75%

2018 – 2020
Ranchi, Jharkhand

Projects

Real-Time Chat Application — React, Node.js, MongoDB, Socket.io

- Developed scalable real-time chat supporting 50+ concurrent users with ~200ms latency.
- Implemented **JWT** authentication and secure session handling reducing unauthorized access by 90%.
- Designed **REST APIs** with modular **MVC** architecture and optimized WebSocket communication.

[Live Demo](#) | [Source Code](#)

College Event Management Portal — React, Node.js, MongoDB, Express.js, JWT

- Developed a full-stack college event management platform with role-based access.
- Implemented event creation, registration, cancellation, participant management.
- Designed secure REST APIs using JWT authentication and modular MVC architecture.

[Live Demo](#) | [Source Code](#)

E-Commerce Website — MERN Stack

- Built responsive platform with product catalog, cart, and secure checkout workflow.
- Developed **REST APIs** for authentication, product, and order management with optimized queries.
- Implemented reusable React components and validation for production level reliability.

[Live Demo](#) | [Source Code](#)

Certifications

- **HTML Certification** — Knowledge Gate AI | [Certificate](#)
- **CSS Certification** — Knowledge Gate AI | [Certificate](#)
- **JavaScript Certification** — Knowledge Gate AI | [Certificate](#)
- **Complete Web Development Certification** — Udemy, 2026 | [Certificate](#)

Achievements

- **Competitive Programming:** Solved **400+** problems on [LeetCode](#) | [GFG](#) | [Codolio](#)