

Ayush Sahu

Software Developer

Indore, Madhya Pradesh | [LinkedIn](#) | [GitHub](#) | Instagram: @Aayushsahu._

Professional Summary

Results-driven **Software Developer** and tech content creator with a "build-to-scale" mindset, specializing in taking concepts from initial idea to fully functional products. Currently pursuing a BCA at Oriental College, I bridge the gap between traditional engineering and modern AI-assisted development (Vibecoding) to build efficient, responsive applications. With a strong community presence and a passion for full-stack mastery, I focus on delivering high-impact digital experiences that are both scalable and user-centric.

Core Skills

- **Frontend Mastery:** HTML5, CSS3, JavaScript (ES6+), React.js, Responsive Web Design.
 - **Backend & Systems:** Node.js, C++, Python (Data Analysis with Pandas, NumPy).
 - **AI & Innovation:** Advanced Prompt Engineering, AI Workflow Integration, Vibecoding, LLM Utilization.
 - **Soft Skills:** Tech Content Creation, Community Building, Strategic Social Media Management, Rapid Prototyping.
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Technical Projects

Project Alpha | Full-Stack Developer * Engineered a high-performance web application from scratch, utilizing **React.js** for a dynamic, responsive UI and **Node.js** for a robust backend architecture.

- Architected secure data handling protocols and integrated RESTful APIs to ensure seamless communication between the frontend and database.
- Leveraged AI-assisted coding techniques to reduce development cycles by 40%, ensuring rapid deployment without compromising code quality.

Project Beta | Software Engineer * Developed a scalable product solution focusing on user-centric design, transforming a conceptual wireframe into a production-ready application.

- Optimized backend logic using **C++ / Python**, significantly improving data processing speeds and system resource management.
- Implemented automated testing scripts to identify and resolve performance bottlenecks, ensuring 99.9% application uptime during peak traffic.

Project Gamma | Lead Developer & Content Lead * Conceptualized and built an innovative digital tool, documenting the entire "idea-to-product" lifecycle for a tech community of followers.

- Integrated modern CSS frameworks and JavaScript libraries to enhance user engagement and visual storytelling.
- Streamlined project workflows by incorporating **Pandas** and **NumPy** for data-driven insights into user behavior and application metrics.

Experience & Community Impact

Tech Content Creator | @Aayushsahu_

- Cultivate a growing community by sharing insights on modern tech stacks, AI tools, and full-stack development through the **@codewithbhaiyaa** brand.
- Translate complex technical concepts into digestible content, demonstrating a deep understanding of software trends and community needs.

Education

Bachelor of Computer Applications (BCA) * Oriental College, Indore | 2024 – 2027
(Expected) * Relevant Coursework: Data Structures & Algorithms, Database Management Systems, Object-Oriented Programming.