

Piyush Sagar

Engineering Undergraduate

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Profile

Engineering undergraduate specializing in Information Technology with a strong academic record and solid grounding in software development fundamentals. Proficient in C++ and actively practicing data structures and algorithms through LeetCode and competitive programming. Skilled in JavaScript, TypeScript, and modern web technologies with experience using Git-based workflows and relational databases. Interested in backend systems, web application architecture, and scalable software design. Seeking internship or entry-level opportunities to apply technical knowledge, strengthen problem-solving ability, and contribute to well-engineered software systems.

Education

Vellore Institute of Technology, Vellore B.Tech in Information Technology, Vellore, Tamil Nadu	2024 – 2028 (<i>Expected</i>) CGPA: 9.43
Ramakrishna Mission Vidyapith, Deoghar Class XII, Deoghar, Jharkhand	2022 – 2024 Final Score: 93%
DAV Public School, Deoghar Class X, Deoghar, Jharkhand	2020 – 2022 Final Score: 92%

Technical Skills

Languages: JavaScript, TypeScript
Technologies: Node.js, React.js, Next.js, HTML, CSS
Databases: SQL
Tools: Git, GitHub

Projects

API Tools – Developer API Platform	[GitHub]
- Developed the frontend interface for a production-oriented API platform providing infrastructure services such as DNS intelligence, UPI utilities, and developer tools. - Built documentation pages, API reference sections, and dashboard interfaces designed for developers integrating the platform into their applications. - Implemented structured API documentation covering authentication, pagination, and rate limits to make integration straightforward. - Worked with API key authentication, subscription-based rate limiting, DNS query endpoints, UPI payment link generation, IFSC lookup, and QR code generation. - Focused on building a clean developer experience and clear documentation for production usage.	
Dev Events – Event Management Platform	[GitHub]
- Built a full-stack event management platform using Next.js and TypeScript. - Implemented API routes for creating, updating, deleting, and retrieving event data stored in MongoDB using Mongoose. - Integrated Cloudinary for cloud-based image uploads and media management. - Developed dynamic event pages allowing users to view event details, register for events, and discover related events. - Designed the application using modern Next.js caching and scalable architecture to improve performance and maintainability.	

Soft Skills

Management • Effective Communication • Active Listening • Willingness to Learn • Critical Thinking • Open-mindedness • Adaptability • Conflict Resolution • Negotiating • Project Management • Time Management • Problem Solving

Interests

- Enjoy exploring new technologies and continuously learning in free time.
- Currently diving into Go (Golang) and MERN Stack to expand full-stack and backend development skills.
- Believe that passion and persistence are key drivers of success and strive to bring that energy into every project.
- Open to jobs and internships, but more importantly, look forward to working with inspiring people, learning from them, and building impactful projects together.