

Keshav Agrawal

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SKILLS SUMMARY

- **Languages:** Python, C++, JavaScript, TypeScript, SQL, Java
- **Frameworks:** Node.js, Express.js, Scikit-learn
- **Libraries:** React.js, Redux Toolkit
- **Tools:** Docker, Git, PostgreSQL, MySQL, SQLite, MongoDB
- **Platforms:** Web, Windows
- **Soft Skills:** Leadership, Event Management, Time Management

EXPERIENCE

- **Unified mentor - Internship** Remote
Full Stack Developer *Aprl 2025 - Present*
 - **Discussion Forum Upgrades:** Refactor forum for performance to handle large databases.
 - **REST API for Discussion Forum:** Symphony & Twig based Forum parts converted to API-first interface.
 - **Ratchet PHP WebSocket:** Implemented a WebSocket for low-latency real time exchange of posts and thread updates.
- **Apna College** Remote
MERN Stack Development Student *Aug 2023 - Feb 2024*
 - **Full Stack Web Development:** Completed comprehensive MERN (MongoDB, Express.js, React.js, Node.js) stack curriculum with hands-on projects.
 - **React Frontend Development:** Built responsive single-page applications using React hooks, context API and modern JavaScript.
 - **Backend Development:** Developed RESTful APIs with Node.js and Express, implemented MongoDB database integration with Mongoose.

PROJECTS

- **AI-Powered Skill Gap Analysis & Learning Path Platform (AI, NLP, MERN, Web Scraping):** (Ongoing) (March '25 – Present) Hackathon project to analyze resumes, detect missing skills for dream job roles, and suggest personalized learning paths with resources from Udemy, Coursera, and YouTube. Includes progress tracking, Google Calendar integration, and dynamic job recommendations. Tech: React (Vite), Node.js, Express.js, MongoDB, OpenAI API, Puppeteer, Google Calendar API.
- **Talkie Walkie (Chat App) (MERN, DaisyUI):** Feature-rich chat app with media sharing. Uses DaisyUI for UI, supports real-time chat and group messaging. Tech: React, Node.js, Express.js, MongoDB, DaisyUI. (March '25)
- **YouTube Clone with Live Search and Recommendations (React, YouTube API):** Built a YouTube-inspired platform with video listing, search suggestions, sidebar categories, and recommendation section. Follows responsive and modern UI practices. Tech: React, Vite, YouTube Data API, TailwindCSS. (Jan '25)
- **Wellora – Health App (MERN, Payment Integration):** A wellness-focused app for tracking habits, mental health, and daily reflections. Includes booking appointments with doctors and integrated payment system using Stripe and Razorpay. Tech: MongoDB, Express, React, Node.js, Chart.js, TailwindCSS, Stripe, Razorpay. (Feb '25 – March '25)
- **OctoPush – Custom Version Control System (JavaScript):** (April '25)
A Git-like version control system built from scratch using JavaScript. Supports core functionalities like init, commit, log, branch, and merge operations through the command line. Useful for understanding how Git works under the hood.
Tech: JavaScript, Node.js, File System APIs

KEY ACHIEVEMENTS

- **HealthCare Website Developer – College Hackathon, JUET Guna, India**
Conducted online and technical mode for around 100 students. *Jan 2023*
- **LeetCode Problem Solver, Online**
Solved 200+ problems focused on Data Structures and Algorithms to strengthen core programming concepts.
- **Top 5 Finalist – Compile Rush 2.0 Coding Competition, Rishihood University (Neutron'25)**
Secured 5th position out of 233 students in a competitive programming event organized by NST – Competitive Programming Club. *March 2025*

EDUCATION

- **Jaypee University of Engineering and Technology (JUET)** Guna, Madhya Pradesh, India
Bachelor of Technology - Computer Science and Engineering; CGPA: 7.01 (Current) *July 2023 – Present*
Courses: Data Structures and Algorithms, Operating Systems, Computer Networks, DBMS, Web Development, Machine Learning, Software Engineering