

Rishav Kumar

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SKILLS

- **Languages:** C, C++, Java, Python, JavaScript, TypeScript, PHP, HTML, CSS
- **Frameworks:** Next.js, React.js, Express.js, Node.js, Tailwind CSS, GSAP, Framer Motion
- **Database & Services:** MySQL, MongoDB, PostgreSQL, Git/GitHub
- **Relevant Coursework:** Data Structures & Algorithms, Operating Systems, DBMS, CN, Object-Oriented Programming
- **Soft Skills:** Analytical Reasoning, Agile Development, System Design Basics, Rapid Technology Adoption

EXPERIENCE

- **Sryea Craft**
 - **Web Developer Intern** Jun' 24 – Jul' 24
 - Revamped the company's website, improving page speed by **35%** and cross-device responsiveness by **23%** using optimized layouts and responsive design techniques.
 - Enhanced semantic HTML and meta tags, boosting Lighthouse SEO scores from **62 to 95**.
 - Collaborated with design and content teams to improve UI/UX, resulting in a **20%** increase in user retention.

PROJECTS

- **AI Committer – VS Code Extension** : [\[Github\]](#) | [\[Live\]](#) Nov' 25 – Dec' 25
 - Tech:** TypeScript, Node.js, VS Code Extension API, Git, Google Gemini API
 - Built an AI-powered VS Code extension and CLI tool to auto-generate commit messages from staged diffs, cutting manual drafting time by **~60%**.
 - Integrated Google Gemini with strict 7-word constraints, improving commit consistency by **~45%**.
 - Added interactive accept/regenerate flow, reducing low-quality commits by **~35%**.
 - Automated the Git workflow by enabling one-command commit and push with interactive user approval.
- **Analyzer – Browser Extension**: [\[Github\]](#) Jun' 25 – Jul' 25
 - Tech:** JavaScript, Chrome Extension API(MV3), Chart.js, Google Gemini API
 - Developed a browser extension that analyzes code directly from the Monaco editor and infers time and space complexity using AI.
 - Integrated UI injection with SPA navigation handling, reducing page-transition breakage by **~80%**.
 - Engineered Chart.js visualizations for algorithm growth, improving understanding by **~50%**.
 - Reduced redundant AI requests by **~40%** through input bounding and caching.
- **Postify – Full-Stack Web Application**: [\[Github\]](#) | [\[Live\]](#) May' 25 – Jun' 25
 - Tech:** React, Tailwind CSS, Node.js, Express.js, MongoDB, Clerk
 - Built a full-stack MERN application with REST APIs for user-scoped posts, reducing duplicated backend logic by **~40%**.
 - Integrated **Clerk OAuth** for authentication and protected routes, reducing custom auth code by **~70%**.
 - Refined MongoDB queries and data flow, improving feed load efficiency by **~35%**.
 - Improved frontend performance and layout stability, achieving a **Lighthouse Performance score of 90** and reducing load time by **~30%**.

CERTIFICATES

- **TCP/IP and Advanced Topics** - [University of Colorado Systems](#) Dec' 24
- **The Bits and Bytes of Computer Networking** - [Google](#) Nov' 24

ACHIEVEMENTS

- Achieved a **LeetCode** rating of **1517**, solving **500+ problems** across data structures and algorithms. Dec' 25
- Attained a **CodeChef** rating of **1413** Dec' 25
- Achieved a **Codeforces** rating of **800+** Apr' 24

EDUCATION

- **Lovely Professional University** Phagwara, Punjab
 - **Bachelor of Technology** - Computer Science and Engineering; **CGPA: 7.4** Aug' 23 - Present
- **Delhi Public School** Bokaro, Jharkhand
 - **Intermediate; Percentage: 72** Apr' 21 – Mar' 23