

Ritik Kumar

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Technical Skills

Programming languages: C++, Java, JavaScript, Python, SQL, PHP

web Technologies: HTML5, CSS3, javascript, React, Tailwind CSS, Redux, Express.js, MongoDB

Tool: VS Code, Git, Github pages, vercel

Skills: Data Structures and Algorithms, Problem-Solving, Responsive Web Design

Projects

URL Shortener

- **URL Shortening:** Easily shorten long URLs with custom expiration times and bulk link creation for large-scale businesses.
- **QR Code Generation:** Automatically generate QR codes for URLs to simplify sharing both online and offline.
- **Scalable:** Efficiently handle large-scale data with MongoDB sharding and process millions of requests using Redis caching.
- **Modern UI:** Built with React for a clean, responsive, and intuitive user interface across all devices.
- **CI/CD Ready:** Pre-configured CI/CD pipelines for seamless integration, testing, and deployment.

Grocerynest – React-Based Grocery Delivery Application

- **Modern React Frontend:** Developed a responsive, user-friendly frontend using ReactJS and Tailwind CSS for seamless browsing, cart management, and order placement.
- **Backend Integration:** Built a Node.js and Express backend with Firebase for secure data storage and efficient management of products, orders, and users.
- **Deployment & Scalability:** Deployed the application on Firebase for high availability and scalability.

Education

Lovely Professional University, B.Tech. in Computer Science

July 2022 – July 2026

- GPA: 8.16/10

Gurukul vidyapeeth school , XII

July 2021 – 2022

- Grade: 74.8 percent

Certifications

Prompt Engineering for ChatGPT [Link](#)

Feb 2024 – Mar 2024

Introduction to Generative AI [Link](#)

Jan 2024 - Feb 2024

Generative AI with Large Language Models [Link](#)

Jan 2024 - Feb 2024

Introduction to Large Language Models [Link](#)

Jan 2024 - Feb 2024

Achievements

- **Proficient in Problem-Solving:** Demonstrated strong analytical and algorithmic thinking skills, solving more than 100+ coding problems on platforms like LeetCode, Codeforces and HackerRank.
- **Hackathon Winner:** Secured first place in two hackathons, showcasing innovative thinking, teamwork, and the ability to develop impactful solutions under tight deadlines.
- **Leadership and Teamwork:** Led a team of 4 during hackathons to develop end-to-end solutions, effectively managing tasks and ensuring timely delivery.