

# RITIK GARG

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## Education

Indira Gandhi University Meerpur

Sep. 2022 – May 2026

Bachelor of Technology in Computer Science and Engineering

Rewari, Haryana

## Relevant Coursework

- Data Structures
- Operating System
- Computer Networks
- Machine Learning
- OOP / Algorithms
- Database Management
- Artificial Intelligence
- Distributed Systems

## Technical Skills

**Programming Languages:** Java, Python, C++, HTML/CSS, JavaScript, TypeScript, SQL

**Frameworks & Tools:** React.js, Next.js, Express.js, Node.js, REST APIs, Socket.IO, JWT

**Databases:** MySQL, NoSQL, PostgreSQL, MongoDB, Firebase

**Cloud & DevOps:** AWS, Docker, Git & GitHub (incl. Actions), CI/CD pipelines, Unix/Linux, Vercel, Render

**Developer Tools:** VS Code, Cursor, Eclipse, Postman, Figma, Chrome DevTools

**Soft Skills:** Leadership, Problem-Solving, Time Management, Communication

## Experience

Bluestock Fintech

Aug 2024 – Sep 2024

Software Development Engineering Intern

Pune, MH.

- Developed a real-time IPO dashboard using React.js and Angular.js, increasing user engagement by 80%.
- Designed and implemented scalable RESTful APIs using Node.js & Express.js, supporting 1M+ daily transactions.
- Optimized MongoDB queries and integrated Redis caching, reducing API latency by 90%.
- Implemented WebSocket communication for live financial data updates, reducing sync latency by 40%.

## Projects

**Quick AI** - React, Express with NodeJs, PostgreSQL, Neon, Clerk, Docker, CI/CD | [GitHub](#) | [Live](#)

July 2025

- Built a production-ready **AI SaaS** app, integrated with **Gemini API** for content and image generation.
- Developed a **responsive** and feature-rich **React (Vite)** frontend to enhance user engagement and interactivity.
- Built a robust **Express backend** with Neon's serverless **PostgreSQL** for scalable and efficient **data handling**.
- Improved app **performance** by **reducing API response time by 90%** through efficient data fetching.
- Implemented **Dockerized development** and **automated CI/CD** workflows using **GitHub Actions** for seamless **deployment** on Vercel.

**URL Shortener** - React, Express with NodeJs, MongoDB, REST APIs | [GitHub](#) | [Live](#)

May 2025

- Built a full-stack **URL shortener**, supporting personalized short links and efficient redirection via **REST APIs**.
- Enabled generation, storage, and redirection of short links via a robust **RESTful backend**.
- Delivered an **intuitive, mobile-responsive UI** for enhanced **user engagement**.
- **Deployed frontend on Vercel** and **backend API on Render** for seamless full-stack **hosting**.

**Wanderlust - Rental Listing Platform** - Ejs, Express with NodeJs, MongoDB, REST APIs | [GitHub](#) | [Live](#) Apr 2024

- Developed a **user-friendly rental listing platform** to help users find and post their properties for rent easily.
- Implemented **user authentication** and **authorization** to ensure **secure access** to property listings.
- Integrated **real-time input validation**, **error handling**, and a **review system** to enhance **security** and **reliability**.
- **Deployed** the app on **Render**, ensuring **smooth performance** and **accessibility**.

## Coding Profiles

**LeetCode:** Solved 700+ problems

**Codeforces:** Solved 300+ problems

**HackerRank:** Solved 500+ problems

**GeeksforGeeks:** Solved 250+ problems

## Leadership / Extracurricular

- Participated in 35+ hackathons including Smart India Hackathon, Flipkart Grid, Microsoft Azure, Cisco.
- Led 5+ hackathon teams and contributed to idea development and technical execution.
- Led a chapter of 30+ members to promote community service, academic growth, and collaboration.
- Consistently practiced and mentored peers in DSA and system design fundamentals.