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

Technical Skills

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

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

WebsoniX   Oct 2025 – Present
Backend Engineer Intern   *Mumbai, MH*

- Contributed to **backend** development during migration from **Flutter** to **Node.js (TypeScript)**, improving system **scalability** and **maintainability.**
- Developed and maintained **RESTful APIs** and **WebSocket** services for real-time **community chat** features.
- Integrated **Azure Cosmos DB** for efficient data storage and retrieval across **distributed backend** systems.
- Collaborated with **frontend** team to enhance **API performance** and ensure **seamless communication.**

Bluestock Fintech   Aug 2024 – Sep 2024
Software Development Engineer Intern   *Pune, MH*

- Built a real-time IPO analytics dashboard using **React.js** and **Angular.js,** improving user engagement by **80%.**
- Built and optimized **RESTful APIs** with **Node.js** and **Express.js** for **high-traffic** data processing**.**
- Improved **MongoDB** query performance via **indexing** and **schema redesign**, achieving **70%** faster data retrieval.
- Worked on **WebSocket** integration for live trading data and notifications, ensuring seamless **data delivery.**

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.

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 over **35+ national hackathons**, including **Smart India Hackathon, Flipkart Grid,** and **Cisco.**
- Led **5+ hackathon teams** from ideation to deployment, focusing on **scalable** and **innovative** solutions.
- Directed a student chapter of **30+ members**, fostering **collaboration**, **technical learning**, and **community impact.**
- Actively practiced and mentored peers in **DSA** and **system design**, enhancing overall **coding proficiency.**