

Umang Kumar

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Professional Summary

Full Stack Developer skilled in React.js, Node.js, and Express.js with strong fundamentals in Java and DSA. Improved problem-solving speed by **70%** on platforms like LeetCode and optimized web app performance by **60%** through clean architecture and efficient API/UI design.

Education

Galgotias University, B.Tech in Computer Science (CGPA: 8/10)

August 2022 – May 2026

- **Coursework:** Data Structures and Algorithms, DBMS, Operating Systems, Computer Networks.

MDS Inter College, XIIth (Percentage: 75%)

April 2021 – June 2022

- **Subjects:** Physics, Chemistry and Mathematics.

Skills

- **Languages:** Java (Proficient), C/C++ (Basic).
- **Frontend Technologies and Frameworks:** React.js, Angular, EJS, JavaScript, Tailwind CSS, HTML.
- **Backend & Tools:** Node.js, Express.js, Spring Boot, MongoDB, SQL, GitHub, Netlify, Railway, Render, AWS.
- **Additional Skills:** DSA, DBMS, OOPS, REST APIs, MVC Architecture.

Experience

Full Stack Web Development – EduSkills (Remote)

Feb 2025 – May 2025

- Developed and optimized algorithms in Java to increase code efficiency by 30%.
- Built advanced data structures to optimize application runtime (20% less processing time).
- Teamed up with other developers to solve algorithm problems 25% faster.
- Conducted code reviews and debugging sessions, resulting in 15% better code quality.

Projects

Blogify – Blogging Web App using Node.js, Express & EJS

[Repository Link](#) [Live Link](#)

- Implemented secure user authentication with **JWT tokens** and **role-based access control** (Admin/User), eliminating unauthorized access.
- Integrated **Multer** for image uploads, enabling media-rich blogging and increasing user engagement by **35%**.
- Utilized **MongoDB** for dynamic blog content storage, efficiently managing **500+ entries** during testing.
- Secured user credentials using **bcrypt hashing with salting**, enhancing authentication security by **90%**.

URL Shortener Web App

[Repository Link](#) [Live Link](#)

- Built a URL shortening web application using Node.js and Express.
- Implemented a custom short ID generator and integrated MongoDB for storing original and shortened URLs.
- Designed a dynamic EJS frontend with analytics to track visit history.
- Deployed live using Render, ensuring fast and scalable hosting.

Achievements and Certificates

Certificates:

Java Development - Code Alpha

[LinkedIn](#)

Java Course Completion - Programming Hub

[LinkedIn](#)

LeetCode Profile

[LeetCode](#)

GFG Profile

[GFG](#)