

Umang Kumar

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Professional Summary

Enthusiastic and detail-oriented Software Developer with strong expertise in **Java and full-stack web development**. Skilled in building **scalable and efficient applications** using React.js, Node.js, Spring Boot, MongoDB, and MySQL. Passionate about writing clean code, solving complex problems, and collaborating in **agile, team-driven environments**.

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), JavaScript, TypeScript.
- **Frontend Technologies and Frameworks:** React.js, Tailwind CSS, HTML.
- **Backend & DataBases:** Node.js, Express.js, Spring Boot, MongoDB, MySQL.
- **Tools & DevOps:** Git, GitHub, JUnit, Netlify, Railway, Render, REST.

Experience

Full Stack Web Development – EduSkills (Remote)

Feb 2025 – May 2025

- Engineered full-stack applications using **React.js, Node.js, Express, and SQL**.
- Enhanced backend APIs and database queries, cutting response time by **20%**.
- Implemented reusable and scalable **UI components** to streamline the front-end.
- Collaborated with peers in debugging and reviews, elevating overall **code quality by 15%**.

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](#)

- **Engineered** a URL shortening web application using **Node.js and Express**, handling **100+ requests per day**.
- **Devised** a custom short ID generator and integrated **MongoDB**, enabling storage & retrieval of **1,000+ URLs**.
- **Crafted** a dynamic **EJS frontend with analytics**, giving users detailed **visit history (clicks & unique visitors)**.
- **Deployed** the project on **Render**, ensuring **~99.9% uptime** and scalable hosting for growing traffic.

Achievements and Certificates

Certificates:

Java Course Completion - Programming Hub

LeetCode Profile

GFG Profile

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