Gaurav Singh

MERN Stack Developer

Contact

+91 7055127777

gauravsingh65440@gmail.com

Education

Amity University
Bachelors of Computer Application
2021-2024 | Noida, UP
CGPA: 8.65

S.K.L.G.D Public School
Agra, UP
12th | CBSE | PCM

Links

LeetCode: Gaurav__Singh
LinkedIn: GauravSingh
GitHub: GS-GauravSingh
Portfolio: GauravSinghPortfolio

Skills

Programming Languages:
C++

Web Development:
HTML, CSS and JavaScript

Framework/Libraries:
Tailwind CSS, React, Redux,
Express.js, Mongoose ODM,
Node.js

Database:
MySQL, MongoDB

Operating System:
Windows, Ubuntu

Miscellaneous:
VS Code, Git/GitHub, Firebase

Soft Skills:
Problem-Solving, Critical-thinking,
Adaptability, Communication,
Teamwork

Summary

Skilled software developer with experience in C++, web development, and data structures. Proficient in HTML, CSS, JavaScript, and the MERN stack (MongoDB, Express.js, React.js, Node.js). Solved over 500 DSA problems on LeetCode, showcasing strong problem-solving skills. Good at thinking critically, adapting to new situations, and communicating well with others.

Projects

URL Shortener [GitHub]

- ➢ **Description:** A full-featured URL shortener built with the MERN stack to simplify long URLs for easy sharing. It includes secure JWT authentication for user sessions, with features like login, logout, registration, and account deletion. Each user operates in a private environment, managing only their own short URLs for enhanced privacy and security.
- ➢ **Tech Stack:** MongoDB, Express.js, React.js, Node.js (MERN)
- ➢ **Key Features:**
  - o **User Authentication:** Implemented JWT-based authentication for secure user management.
  - o **Private Environment:** Users can only see their own URLs.
  - o **Click Tracking:** Tracked total clicks for each short URL.

Amazon Clone [GitHub] [Live Link]

- ➢ **Description:** Created an Amazon Clone to replicate key features of an e-commerce platform. The project includes a responsive UI, user authentication and cart management.
- ➢ **Tech Stack:** React.js, Tailwind CSS, Redux and Firebase.
- ➢ **Key Features:**
  - o **Responsive User Interface:** Ensured the user interface is responsive across various devices and screen sizes using Tailwind CSS.
  - o **Sign In and Sign Up:** Secure user authentication using Firebase.
  - o **Cart Management:** Seamless state management for adding/removing products using Redux.

Sorting Visualizer [GitHub] [Live Link]

- ➢ **Description:** Created a Sorting Visualizer project that demonstrates how sorting algorithms work visually.
- ➢ **Algorithms Implemented:** Bubble Sort, Selection Sort, Insertion Sort, Merge Sort, Quick Sort and Heap Sort.
- ➢ **Tech Stack:** HTML, CSS and JavaScript.