

Utkarsh Raj

GFG | [LinkedIn](#) | [GitHub](#) | [Leetcode](#)

Location: Mohishbathan, Sector 5, Kolkata, West Bengal

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FULL STACK DEVELOPER

Highly motivated and adaptive **Full Stack Developer** with a solid foundation in **Data Structures and Algorithms**. Proven ability to deliver scalable and efficient solutions through personal projects and collaborative development. Passionate about continuous learning and applying engineering best practices to drive innovation and add value to dynamic teams across industries.

TECHNICAL SKILLS

Languages	: JavaScript, Python, C, Java, HTML, CSS
Frameworks	: React.js, Express, Node.js
Libraries	: Material UI, Bootstrap, React Router
Databases	: MongoDB
Dev Tools	: Git, GitHub, GitLab, Visual Studio Code, Postman
Core CS	: Data Structures, Algorithms, Time/Space Complexity
Generative AI	: GPT-3/4, Prompt Engineering

EDUCATION

Techno Main Salt Lake

Bachelor of Technology in Information Technology

Sector 5, Kolkata, West Bengal

Jan 2023 – Dec 2027

PROJECTS

YouTube-Inspired Backend Platform

Node.js, Express.js, MongoDB

[Source Code](#)

- Built a RESTful backend for a video-sharing platform with secure JWT authentication and Bcrypt hashing.
- Integrated Cloudinary and Multer for scalable media uploads and storage.
- Developed APIs for videos, social features (likes, comments, subscriptions), playlists, and tweet microblogging.
- Used MongoDB aggregation pipelines for user analytics and channel data.

Online Bag Shop

Node.js, EJS, MongoDB

[Source Code](#)

- Developed a full-stack e-commerce site with Node.js, Express, MongoDB, and EJS for server-side rendering.
- Implemented JWT-based authentication and role-based authorization (Admin/User).
- Built CRUD operations for product and inventory management.
- Integrated Multer for efficient product image uploads.

Dice Game

React.js, JavaScript, Git

[Source Code](#)

- Designed and developed an interactive single-player dice game using React.js, HTML, CSS, and JavaScript.
- Implemented responsive design to ensure seamless gameplay across desktop and mobile devices.
- Optimized application performance, enhancing user experience and reducing load times.
- Utilized Git for version control and collaborative development practices.

CERTIFICATIONS

- [Certified HTML Developer issued by Great Learning](#)
- [IBM Cloud: Getting Started with Artificial Intelligence - IBM SkillsBuild Certificate](#)

ACHIEVEMENTS SECTION

- [Solved 150+ DSA problems on GeeksforGeeks](#) and 75+ problems on LeetCode, covering core concepts like Arrays, Linked Lists, Sorting, Stacks, Queues, Recursion, Trees, Strings, Greedy Algorithms, Bit Manipulation, and Binary Search, enhancing algorithmic thinking and coding efficiency.