MUKUL BATRA

Bhiwani, Haryana | 8685965227 | mukulbatra5911@gmail.com

Professional Summary

Detail-oriented Computer Science student specializing in full-stack MERN development and algorithms. Proficient in the complete software development life cycle (SDLC) of web applications, from design and development to deployment and maintenance. Passionate about building scalable, user-friendly applications and solving complex problems with efficient code.

Projects

PortMySim
2024
MongoDB, Express.js, Node.js, EJS, RESTful APIs, JavaScript
GitHub

- Engineered a full-stack web application to streamline the SIM porting process, synchronizing porting dates with user recharge cycles to prevent service disruption.
- Developed a RESTful API backend with Node.js and Express.js for handling user data, scheduling, and automated email reminders, storing all information in a MongoDB database.

SydneyEvent
2024
React.js, Node.js, Cheerio.js, Express.js, Web Scraping
GitHub

- Built a web scraping tool using Node.js and Cheerio.js to aggregate real-time event data from multiple online sources into a single, centralized platform.
- Designed a responsive and interactive front-end with React.js to display, filter, and search event listings, improving data accessibility for users.

PixiSphere
2024
React.js, Tailwind CSS, SSR
GitHub

- Developed a high-performance, responsive portfolio website for photographers, featuring dynamic galleries and artist profiles.
- Leveraged React.js for Server-Side Rendering (SSR), achieving an estimated 40% faster initial page load time compared to a standard client-side React application.

Technical Skills

Languages: Java, JavaScript (ES6+), SQL, HTML5, CSS3

Front-End: React.js, HTML, CSS, Tailwind CSS, Bootstrap, Material UI

Back-End: Node.js, Express.js

Databases: MongoDB, MySQL

Developer Tools: Git, GitHub, VS Code, npm

Concepts: Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP), RESTful APIs, SDLC, Operating Systems, DBMS, Computer Networks

Education

The Technological Institute of Textile and Sciences, Bhiwani
2022 – 2026
B.Tech in Computer Science
CGPA: 7.9 (till 6th semester)

- *Relevant Coursework:* Data Structures and Algorithms, Database Management Systems, Operating Systems, Object-Oriented Programming, Computer Networks

Govt. Model Sanskriti Sr. Sec. School, Bhiwani
2021 – 2022
12th Class, Non-Medical
Percentage: 70.8%

Shishu Bharti High School, Bhiwani
2019 – 2020
10th Class
Percentage: 80.8%

Awards

First Position, Code War, TIT&S Annual Day (Apr 2024)

Second Position, Graphico Tech (design event), Computer Engineering Dept., TIT&S (Oct 2024)