

Masoom Raza

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Projects

GitHub Management System / <i>MongoDB, Express, React, Node.js, AWS S3, JWT, Bcrypt</i>	March 2025
<ul style="list-style-type: none">• Built a full-stack version control system inspired by GitHub using Node.js, Express, and MongoDB.• Implemented repository features like Init, Commit, Push, Pull, and Revert with AWS S3 storage integration.• Developed user authentication and authorization with JWT and Bcrypt for secure access control.• Designed and managed complex data models for users, repositories, and issues using Mongoose.• Created a responsive frontend using React with Context API for seamless global state management.• Enabled real-time repository and issue updates through RESTful APIs integrated with the frontend.	
Weather Frontend / <i>React, API, CSS, JavaScript</i>	February 2025
<ul style="list-style-type: none">• Enhanced a city weather application using React, HTML, CSS, and JavaScript.• Integrated a real-time weather API to fetch live updates on temperature, humidity, and wind speed.• Planned a responsive frontend for a seamless user experience with real-time data display.• Vercel Link: https://weather-five-ashen.vercel.app/	
Zerodha Frontend Clone Project / <i>HTML, Bootstrap, JavaScript, React</i>	February 2025
<ul style="list-style-type: none">• Developed a frontend-focused stock trading platform inspired by Zerodha using React.• Designed and implemented an interactive and responsive UI with React for a seamless user experience.• Vercel Link: https://zerodha-delta-lake.vercel.app	
Quest Search / <i>MongoDB, Express, React, Node.js</i>	January 2025
<ul style="list-style-type: none">• Improved a full-stack Quest Search application using the MERN stack.• Developed and managed a MongoDB database storing 100,000+ records with optimized querying.• Built a responsive React frontend and an efficient Node.js/Express backend for keyword and type-based search.	

Certificates

Full Stack Web Development - <i>Apna College</i>	January 2025
Design and Analysis of Algorithms - <i>Coursera</i>	April 2024
Java with DSA - <i>Coding Ninjas</i>	October 2023
Operating Systems, DBMS, System Design - <i>Coding Ninjas</i>	September 2023
C++ with DSA - <i>Coding Ninjas</i>	August 2023

Skills

Languages: C++, Java, Python, SQL, MySQL, JavaScript, HTML/CSS

Technologies/Frameworks: React, Node.js, Express.js, MongoDB, Git

CS Subjects: System Design, DBMS, Operating Systems, Computer Networks, OOPs, DSA, Algorithms

Soft Skills: Communication, Teamwork, Problem Solving, Time Management

Education

Lovely Professional University <i>B.Tech Computer Science and Engineering - CGPA: 7.89</i>	2022 - 2026 <i>Phagwara, Punjab</i>
The Pentecostal Assembly School <i>Intermediate - 84%</i>	2019 - 2021 <i>Bokaro, Jharkhand</i>
Crescent Public School <i>Matriculation - 88%</i>	2017 - 2019 <i>Bokaro, Jharkhand</i>