

# MOHAMMAD ALTAMASH

## SOFTWARE ENGINEER

### CONTACT

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### SKILLS

- MERN Stack Development:** MongoDB | Express.js | React.js | Node.js
- Programming Languages:** JavaScript | Java
- Frontend Development:** React18 | HTML5 | CSS3 | Material UI | Redux | ES6
- Backend Development:** Node.js | Express.js | API design | Data Structures | Data Algorithms
- Databases:** MongoDB
- Version Control & Collaboration:** Git | GitHub
- Web Design & Development:** Web Designing | PSD | Web Development | REST API | JSON | HTTP
- Code Quality:** ESLint | Prettier
- Deployment:** Vercel
- Problem-Solving**
- Communication**
- Other Skills:** Design Patterns | NPM | Yarn | Webpack | Babel

### EDUCATION

**B.Tech, Computer Science**  
AKTU University, Lucknow  
2019-2023

### CERTIFICATIONS

- Developer Virtual Program
- Core Java
- Introduction to C

### PROFILE

Enthusiastic and skilled Full Stack Developer with expertise in the MERN stack. Proficient in building dynamic web applications from scratch, optimizing performance, and ensuring scalability. Strong problem-solving skills and a passion for staying up-to-date with emerging web technologies. Strong programming skills in JavaScript & React.js. Implemented Redux and Context-API for efficient state management, reducing application size by 20%.

### WORK EXPERIENCE

#### Project1 | Instagram-clone

- Frontend Development:** Designed and developed the user interface using React.js, creating a visually appealing and responsive layout that closely mimics Instagram's design.
- User Authentication:** Implemented user authentication and authorization features, including user registration, login, and password reset functionality, ensuring data security and privacy.
- Image Upload and Management:** Integrated image upload and storage functionality, allowing users to upload and manage their photos securely. Employed cloud storage solutions like Cloudinary for seamless media management.
- Feed and Post Creation:** Developed the main feed for users to view posts from others and create their own posts. Implemented a post creation system that includes captions, hashtags, and image uploads.
- Search and Discover:** Designed and integrated search functionality for users to find other users and discover new content based on hashtags and interests.
- Database Management:** Worked with MongoDB to manage user data, posts, and user interactions, ensuring data integrity and scalability.

#### Project2 | Batiyalo chat

- Frontend Development:** Designed and developed the user interface for the chat application using React.js, ensuring an intuitive and responsive design for seamless user interaction.
- Backend Development:** Implemented the server-side logic using Node.js and Express.js to handle Socket connections and manage real-time communication between clients.
- Socket.io Integration:** Integrated Socket.io to establish real-time bidirectional communication, enabling instant messaging and live updates for online users.
- Message Sending and Receiving:** Developed features for sending and receiving messages in real-time, including text, images, and file attachments.
- Deployment:** Deployed the chat application on a cloud hosting platform (e.g. Vercel, Render) and set up continuous integration/continuous deployment (CI/CD) pipelines for automated deployment.
- Version Control:** Used Git for version control to maintain codebase integrity and collaborate effectively with other developers.