

# Ali Hamza

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## WORK EXPERIENCE

**MERN Stack Trainee** | [Knowledge Streams](#)

(Nov 2023 – Jan 2024)

### My Role:

- MERN Stack development of a Project Management System (PMS).
- Designed intuitive trainee dashboard and implemented secure authentication.
- Achieved streamlined project oversight, improved communication, and real-time progress tracking.
- Empowered trainees with user-friendly dashboards and collaborative learning experiences.

### Technologies:

- Express.js for Backend and React.js for frontend.
- Node.js for Server side and PostgreSQL for database.

## PROJECTS

### MERN-PMS

#### Role:

- End-to-end development of a comprehensive project.
- Designed Trainee Dashboard with a focus on user experience.
- Implemented a robust authentication system for enhanced security.
- Developed backend for a Project Management System (PMS).
- Worked on refining user interface for improved usability.
- Actively incorporated user feedback for continuous improvement.

### Technologies:

- Github for version control, Express.js for **Backend** and React.js for **frontend framework**.
- Node.js for **Server side** and PostgreSQL for **database**.
- Postman, VSCode , pgAdmin as development tools.

### Google Keep App

#### Role:

- Development of Google Keep App, a note-taking application emphasizing simplicity and efficiency.
- Oversaw the creation of a user-friendly platform for capturing ideas, creating checklists, and organizing tasks.

### Technologies:

- React for designing a clean and responsive user interface, ensuring a seamless experience on different devices.
- Implemented core functionalities including the ability to create, edit, and delete notes.
- Integrated categorization features to enhance note organization and user productivity.

## CORE SKILLS

**Programming Languages:** C, C++, Html, CSS, JavaScript

**Developer Tools:** Git, VS code, Postman

**Frameworks:** React, Express.js

**Databases:** PostgreSQL, MongoDB

## EDUCATION

**University Name:** [University of Education]

(Completion Year 2023)

**Degree:** [BSIT]

**Concentration:** [Web Development]

**CGPA:** 3.28

### Relevant Coursework:

- Algorithms
- Data structures
- Object Oriented Programming
- DBMS

