

HAMMAD UL HAQ

MERN / Full-Stack JavaScript Developer (React.js | Next.js | Node.js | Express.js | MongoDB)

CONTACT INFORMATION

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- **GitHub :** <https://github.com/HAMMADKHANLODHI>
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- **Location :** Lahore, Pakistan

PROFESSIONAL SUMMARY

MERN Stack Developer skilled in React.js, Next.js, Node.js, Express.js, and MongoDB. Experienced in building responsive web applications, real-time chat systems, and ERP solutions with a focus on performance, scalability, and user experience. Strong knowledge of REST APIs, WebSockets, and state management (Redux, Context API). Passionate about problem-solving, clean code, and delivering impactful software solutions. Currently enhancing expertise in AI-powered applications and modern frameworks to stay aligned with industry trends.

WORK EXPERIENCE

Freelance MERN Developer – ERP System | Lahore, Pakistan | Completed

- Built a custom offline ERP system using React.js, Node.js, Express.js, MongoDB, and Electron.js, making the system fully functional offline.
- Implemented JWT authentication and automated PDF reporting, boosting reporting accuracy by 90%+.
- Optimized workflows, improving operational efficiency by 60%+ and reporting speed by 2x.

PROJECTS

Smart Video Insight (Final Year Project) | Completed

- Led a **4-member team** to build an AI-powered MERN app for video transcription (75%+ accuracy), multilingual translation (10+ languages), and automated summarization.
- Reduced processing time by 70% using OpenAI Whisper, M2M100, and NLP models.
- **Tech:** React.js, Tailwind CSS, Node.js, Express.js, MongoDB | <https://github.com/HAMMADKHANLODHI/SMART-VIDEO-INSIGHT-FYP.git>

Mingo – Real-Time Chat App | Ongoing

- Built a real-time chat app supporting 100+ concurrent users with messaging, HD video/audio calls, and live translation.
- Automated transcripts reduced manual documentation by 80%.
- **Tech:** React.js, Node.js, Express.js, MongoDB, Socket.io | <https://github.com/HAMMADKHANLODHI/mingo.git>

Custom ERP System | Completed

- Developed ERP with centralized record-keeping, PDF generation, and dashboards, improving efficiency by 60%+ and reporting accuracy by 90%+.

EDUCATION

BS Software Engineering, University of Central Punjab, Lahore | Completed

- **Relevant Coursework:** Data Structures, Algorithms, OOP, Web & Mobile Dev, Database Systems, Networks, OS, DevOps, Software Testing, Information Security, ERP Systems.

SKILLS

- **Frontend:** React.js, Next.js, JavaScript (ES6+), Tailwind CSS, HTML5, CSS3
- **Backend:** Node.js, Express.js, REST APIs, WebSockets, JWT, TypeScript (Basic)
- **Database:** MongoDB, Mongoose (Schemas, Aggregations)
- **State Management & Tools:** Redux, Context API, Git, GitHub, Postman, VS Code, npm, Chrome DevTools
- **Soft Skills:** Team Collaboration, Problem-Solving, Communication, Time Management
- **Interests :** AI-Powered Software Solutions, Real-Time Communication Systems.

CERTIFICATION & COURSES

- Full Web Development Bootcamp – Code with Harry (YouTube, 2024) – *Completed*
- Multi AI Agent Systems with crewAI – DeepLearning.AI (2025) – *Completed*
- AI for Everyone – DeepLearning.AI (Coursera) – *In Progress (49%)*
- Django Web Framework – Meta (Coursera) – *In Progress (22%)*
- Google UX Design Certificate – Google (Coursera) – *In Progress (10%)*

LANGUAGES

- Urdu – Native
- English – Professional Working Proficiency (Reading & Writing)