MEHAK EMAN

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https://github.com/emmehak

ABOUT ME

Versatile Full Stack Developer with hands-on experience in building scalable, secure, and high-performance web applications using the MERN stack (MongoDB, Express.js, React.js, Node.js). Adept at designing RESTful APIs, implementing JWT-based authentication, and building real-time features with WebSockets. Skilled in frontend development using responsive UI frameworks and state management tools like Redux. Passionate about clean code, continuous learning, and delivering reliable full-stack solutions in Agile environments.

PROJECTS EXPERIENCE

- Admin Dashboard: Developed a secure admin panel with role-based access, real-time updates (Firebase), and user management.
- Portfolio Website: Built a professional and responsive portfolio using React and Tailwind CSS to showcase skills and projects.
- AI Recipe Generator: Designed the frontend interface using React and styled-components. Users receive AI-generated recipe suggestions based on their inputs.
- Fitness App: Created a web app to search for exercises an watch a visualized gif to see the movements.
- E-commerce Website: Developed user interfaces for product listings, filters, shopping cart, authentication, and checkout using React, Redux, and TailwindCSS.

WORK EXPERIENCE

MERN STACK DEVELOPER INTERN

U Devs — July 2025 – Present

- Build and maintain full-stack applications using MongoDB, Express.js, React.js, and Node.js.
- Assist in API development, debugging, and deployment processes.

FRONTEND DEVELOPER INTERN

Code Alpha — April 2025 – May 2025

- Completed assigned frontend tasks using HTML, CSS, JavaScript, and React.
- Uploaded projects to GitHub and submitted them for review.

SKILLS

- Languages: HTML5, CSS3, JavaScript (ES6+), JSX, JSON
- Frontend Development: React.js, Next.js, Redux, Tailwind CSS, Bootstrap, Responsive Design, Accessibility (WCAG), SEO Basics
- Backend Development: Node.js, Express.js, RESTful APIs, MVC Architecture
- Databases: MongoDB, Firebase Firestore, MSSQL Server
- Real-Time & Communication: WebSocket, Socket.IO, Firebase Realtime Database
- Authentication & Security: JWT (JSON Web Tokens), Firebase Authentication
- Version Control & Workflow: Git, GitHub, VSCode, Chrome DevTools, Postman, Agile Methodologies

- Deployment: Firebase Hosting, Render, Netlify, Vercel (basic CI/CD)
- Software Engineering Practices: Component-Based Architecture, Modular Coding, Error Handling, API Testing
- Other Programming Languages: C++, C#, Java, SQL
- Machine Learning: Experience with supervised learning, unsupervised learning, data preprocessing, model training, model evaluation, and deployment using Python. Familiar with scikit-learn and related ML libraries.
- Deep Learning: Knowledge of neural networks including CNNs (Convolutional Neural Networks) and RNNs (Recurrent Neural Networks). Experience with deep learning frameworks such as TensorFlow and PyTorch.
- Soft Skills: Teamwork, Problem-solving, Project Management, Time management, Critical thinking, Strong Communication.
- Languages: Urdu(Native), English(Fluent), Korean(Basics)

EDUCATION

Bachelor of Science in Software Engineering   **Dec 2021 - Jul 2025**

University of Sialkot

Higher secondary school   **Aug 2019 - Apr 2021**

Punjab group of colleges

CERTIFICATIONS

JavaScript Essentials   **MAR - 2025**
IBM Coursera

HTML,CSS,JavaScript   **FEB- 2025**
IBM Coursera

Developing Front-End Apps with React   **MAY - 2025**
IBM Coursera

Version Control with Git/Github   **FEB- 2025**
IBM Coursera

Machine Learning Specialization   **DEC-2024**
Specialization -Stanford Online+DeepLearningAI Coursera

Machine Learning for All   **JUN- 2025**
University of London Coursera

Python for Data Science, AI and Development   **JAN-2025**
IBM Coursera

Learn Tailwind CSS   **FEB-2025**
Scrimba Coursera