MEHAK EMAN
FULL STACK WEB DEVELOPER

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PROFESSIONAL SUMMARY

Full Stack Developer with proven experience delivering scalable, secure, and efficient web applications using the MERN stack (MongoDB, Express.js, React.js, Node.js). Proficient in building RESTful APIs, implementing JWT-based authentication, and integrating real-time functionalities using WebSockets. Demonstrated success in cross-functional Agile teams, emphasizing clean architecture, maintainable code, and continuous delivery.

TECHNICAL SKILLS

- Programming Languages: HTML5, CSS3, JavaScript (ES6+), JSX, JSON, C++, C#, Java, SQL, TypeScript
- Frontend: React.js, Next.js, Redux, Tailwind CSS, Bootstrap, Responsive Design, WCAG Accessibility, SEO Basics
- Backend: Node.js, Express.js, REST APIs, MVC Architecture , .NET Core
- Databases: MongoDB, Firebase Firestore, MSSQL Server
- Real-Time: WebSocket, Socket.IO, Firebase Realtime Database
- Auth & Security: JWT, Firebase Authentication, OAuth
- Deployment: Firebase Hosting, Render, Netlify, Vercel
- Tools & Workflow: Git, GitHub, VSCode, Chrome DevTools, Postman, Agile, CI/CD
- Testing & DevOps: Jest, Mocha, Postman, GitHub Actions
- Machine Learning: Data Preprocessing, Feature Engineering, Model Training & Evaluation, scikit-learn
- Deep Learning: CNNs, RNNs, TensorFlow, PyTorch
- Languages: Urdu — Native, English — Fluent, Korean — Basic

EXPERIENCE

Frontend Developer Intern — **Code Alpha**

Apr 2025 – May 2025 (Remote)

- Developed and deployed UI components using HTML, CSS, JavaScript, and React, contributing to a 25% improvement in load times and user satisfaction.
- Managed GitHub repositories and version control processes, reducing integration errors by 30% and improving code quality across the team.

Open Source Contributor — GirlScript Summer Of Code (GSSOC'2025)

Jul 2025 – Present

- Selected as a contributor for GSSoC 2025; actively onboarding and reviewing MERN stack project repositories.
- Participating in introductory sessions, setting up the development environment, and preparing for initial contributions.

PROJECTS

- Admin Dashboard: Developed a role-based admin dashboard with Firebase authentication and real-time Firestore updates, reducing administrative workload by 30% and improving response time.
- Portfolio Website: Created a responsive and SEO-friendly portfolio using React and Tailwind CSS to showcase personal projects and technical skills, resulting in a 40% increase in portfolio views.
- AI Recipe Generator: Built an AI-powered web app using React and styled-components, allowing users to generate custom recipes from over 100 ingredient combinations, increasing user engagement by 25%.
- Fitness App: Designed a fitness tracker using exercise APIs and React with real-time filtering and animated visuals, improving search speed and user satisfaction during usability testing.

- E-commerce Website: Built a scalable e-commerce frontend using React, Redux, and Tailwind CSS, featuring product filters, cart, and checkout functionality, supporting up to 200 product listings with smooth navigation.

CERTIFICATIONS

- Machine Learning Specialization — Stanford University & DeepLearning.AI (Coursera), Jun 2025
- JavaScript Essentials — IBM (Coursera), Mar 2025
- Machine Learning for All — University of London (Coursera), Dec 2024
- Python for Data Science, AI and Development — IBM (Coursera), Jan 2025
- Developing Front-End Apps with React — IBM (Coursera), Feb 2025
- Version Control with Git & GitHub — IBM (Coursera), Feb 2025
- Learn Tailwind CSS — Scrimba, Feb 2025
- HTML, CSS, and JavaScript — IBM (Coursera), Feb 2025

EDUCATION

Bachelor of Science in Software Engineering
University of Sialkot – Sialkot, Pakistan
Dec 2021 – Jul 2025
Intermediate in Pre-Engineering
Punjab Group of Colleges – Sialkot, Pakistan
Aug 2019 – Apr 2021